00815-3760

MAIMERI S.p.A.

**DESIGNER'S GOUACHE** 

20256 Primary Red - Magenta

Revision nr.14 Dated 05/02/2010 Printed on 05/02/2010 Page n. 1/3

## Safety Data Sheet

## 1. Identification of the substance / preparation and the Company

1.1 Identification of the substance or preparation

Code

20256

DESIGNER'S GOUACHE

20256 Primary Red - Magenta

1.2 Use of the substance / preparation

Intended use

Guache colour

1.3 Company identification

Full address District and Country MAIMERI S.p.A. Via Gianni Maimeri, 1 Mediglia 20060 Italia

(MI)

39 02 906981 +39 02 90638999

e-mail address of the competent person

responsible for the Safety Data Sheet

schedesicurezza@maimerispa.it

Product distribution by

MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY

1.4 Emergency telephone

For urgent inquines refer to

+39 02 906981

#### 2. Hazards identification.

This product is not dangerous under 67/548/EEC and 1999/45/EC directives and subsequent amendments.

## 3. Composition / Information on ingredients.

The product is not classified as hazardous pursuant to directives 67/548/EEC and 1999/45/EC and subsequent amendments and upgrades and does not contain substances classified as being hazardous to human health or the environment pursuant to 67/548/EEC and subsequent amendments.

## 4. First aid measures.

No episodes of damage to health ascribable to the product have been reported. Nevertheless, observance of good industrial hygiene is

## 5. Fire-fighting measures.

## GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SUITABLE EXTINGUISHING MEDIA

The extinction equipment should be of the conventional kind; carbon dioxide, foam, powder and nebulised water.

EXTINGUISHING MEDIA WHICH SHALL NOT BE USED FOR SAFETY REASONS

None in particular.

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products (carbon oxide, toxic pyrolysis products, etc).

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Hardhat with visor, fireproof clothing (fireproof jacket and trousers with straps around arms, tegs and waist), work gloves (fireproof, cut proof and delectric), a depressurated mask with facemask covaring the whole of the operator's face or a self-respirator (self-protector) in the event of large quantities of fume.

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**DESIGNER'S GOUACHE** 

20256 Primary Red - Magenta

## 6. Accidental release measures.

PERSONAL PRECAUTIONS

Use breathing equipment if fumes or powders are released into the air. ENVIRONMENTAL PRECAUTIONS

The product must not penetrate the sewers, surface water, ground water and neighbouring areas,

METHODS FOR CLEANING UP

Confine using earth or inent material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

## 7. Handling and storage.

Make sure that equipment is available for cooling the vessels, to prevent the danger of overpressure and overheating in the event of fire in the vicinity. Refer to the other sections of this data sheet for information relating to health and environmental risks.

#### 8. Exposure control / personal protection.

#### 8.1 Exposure limit values.

Not available.

#### 8.2 Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

## 9. Physical and chemical properties.

Colour

Appearance

Solubility

INSOLUBLE, DILUTE WITH WATER Viscosity 20000 cps

pH. Boiling point.

Flash point. Explosive properties.

Vapour pressure. Specific gravity.

Solid content:

VOC (Directive 1999/13/EC):

VOC (volatile carbon):

Not available. 61 °C. Not available.

Not available

VIOLET RED ARABIC GUM

0.2 Ko/I

38,40 % n

## 10. Stability and reactivity.

The product is stable in normal conditions of use and storage. In the event of thermal decomposition or fire, vapours potentially dangerous to health may be released.

## 11. Toxicological information.

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled carefully according to good industrial practices. This product may have slight health effects on sensitive people, by inhalation and/or cutaneous absorption and/or contact with eyes and/or ingestion.

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**DESIGNER'S GOUACHE** 

20256 Primary Red - Magenta

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## 12. Ecological information.

Use this product according to good working practices. Avoid littering, Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

#### 13. Disposal consideration.

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

#### 14. Transport Information.

This product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA)

## 15. Regulatory information.

Warning symbols: None.

Hazard sentences (R): None.

This product is not subject to hazard labeling under the 67/548/EEC and 1999/45/EC directives and following amendments and adjustments.

## 15. Other information.

## GENERAL BIBLIOGRAPHY

- 1. Directive 1999/45/EC and following amendments;
- 2. Directive 67/548/EEC and following amendments and adjustments (technical adjustment XXIX);
- 3. Regulation (EC) 1272/2008 (CLP) of the European Parliament;
- 4. Regulation (EC) 1907/2006 (REACH) of the European Parliament;
- 5. The Merck Index. 10th Edition;
- Handling Chemical Safety;
- 7. Niosh Registry of Toxic Effects of Chemical Substances;
- 8. INRS Fiche Toxicologique (toxicological sheet):
- Patty Industrial Hygiene and Toxicology;
   N.I. Sax Dangerous properties of Industrial Materials-7, 1989 Edition;

## Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product .

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

MAIMERI S.p.A.

**DESIGNER'S GOUACHE** 

20223 Cadmium Red (Hue)

Revision nr.14 Dated 05/02/2010 Printed on 05/02/2010 Page n. 1 / 3

## **Safety Data Sheet**

## 1. Identification of the substance / preparation and the Company

1.1 Identification of the substance or preparation

20223 Code:

Product name DESIGNER'S GOUACHE 20223 Cadmium Red (Hue)

1.2 Use of the substance / preparation

Intended use

Guache colour

1.3 Company identification

Full address District and Country MAIMERI S.p.A. Via Gianni Maimeri, 1 Modiglia 20060 Italia

(MI)

Tel. +39 02 90498999

e-mail address of the competent person responsible for the Safety Data Sheet

schedesicurezza@maimerispa.it

MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY

1.4 Emergency telephone

For urgent inquiries refer to

+39 02 906981

## 2. Hazards Identification.

This product is not dangerous under 67/548/EEC and 1999/45/EC directives and subsequent amendments.

## 3. Composition / Information on Ingraciants.

The product is not classified as hazardous pursuant to directives 67/548/EEC and 1999/45/EC and subsequent amendments and upgrades and does not contain substances classified as being hazardous to human health or the environment pursuant to 67/548/EEC and subsequent amendments.

## 4. First aid measures.

No episodes of damage to health ascribable to the product have been reported. Nevertheless, observance of good industrial hygiene is

## 5. Fire-fighting measures.

## GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SUITABLE EXTINGUISHING MEDIA

The extinction equipment should be of the conventional kind; carbon dioxide, foam, powder and nebulised water.

EXTINGUISHING MEDIA WHICH SHALL NOT BE USED FOR SAFETY REASONS

None in particular.

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products (carbon oxide, toxic pyrolysis products, etc).

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Hardhat with visor, fireproof clothing (fireproof jacket and trousers with straps around arms, legs and waist), work gloves (fireproof, cut proof and dielectric), a depressurised mask with facemask covering the whole of the operator's face or a self-respirator (self-protector) in the event of large quantities of fume.

**DESIGNER'S GOUACHE** 

20223 Cadmium Red (Hue)

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#### 6. Accidental release measures.

PERSONAL PRECAUTIONS

Use breathing equipment if fumes or powders are released into the air.

**ENVIRONMENTAL PRECAUTIONS** 

The product must not penetrate the sewers, surface water, ground water and neighbouring areas.

METHODS FOR CLEANING UP

Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

## 7. Handling and storage.

Make sure that equipment is available for cooling the vessels, to prevent the danger of overpressure and overheating in the event of fire in the vicinity. Refer to the other sections of this data sheet for information relating to health and environmental risks.

## 8. Exposure control / personal protection.

#### 8.1 Exposure limit values.

Not available.

## 8.2 Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required

EYE PROTECTION

None required.

HAND PROTECTION

None required. SKIN PROTECTION

None required.

## 9. Physical and chemical properties.

Colour RED

ARABIC GUM Odour Appearance

PASTE INSOLUBLE, DILUTE WITH WATER Sclubility

**Viscosity** 20000 cps

Boiling point. Not available. Flash point.

Explosive properties. Not available. Not available 0,2 Kg/l Vapour pressure Specific gravity.

Solid content 41,69 % VOC (Directive 1999/13/EC): 0

VOC (volatile carbon):

## 10. Stability and reactivity.

The product is stable in normal conditions of use and storage. In the event of thermal decomposition or fire, vapours potentially dangerous to health may be released.

## 11. Toxicological information.

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled carefully according to good industrial practices. This product may have slight health effects on sensitive people, by inhalation and/or cutaneous absorption and/or contact with eyes and/or ingestion.

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**DESIGNER'S GOUACHE** 

20223 Cadmium Red (Hue)

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#### 12. Ecological information.

Use this product according to good working practices. Avoid littering, Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

## 13. Disposal consideration.

Rouse, when possible. Neat product residues should be considered special non-hezardous waste.

Disposal must be cerformed through an authorised waste management firm, in compliance with national and local regulations. CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations,

## 14. Transport Information.

This product is not dangerous under current provisions of the Code of International Carriage of Dengerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (MDG), and of the International Air Transport Association (IATA). regulations

#### 15. Regulatory information.

Warning symbols, Nane

Hazard sentences (R). None.

Caution recommendations (S). None

This product is not subject to hazard labeling under the 67/548/EEC and 1999/45/EC directives and following amendments and

## 16. Other information.

GENERAL BIBLIOGRAPHY

- Directive 1999/45/EC and following amendments.
- 2. Directive 67/548/EEC and following amendments and adjustments (technical adjustment XXIX);
- 3. Regulation (EC) 1272/2008 (CLP) of the European Parliament
- 4. Regulation (EC) 1907/2006 (REACH) of the European Parliament,
- 5 The Merck Index 10th Edition:
- Handling Chemical Safety
- Nicsh Registry of Toxic Effects of Chamical Substances.
- 5. INRS Fiche Toxicologique (respectogical sheet)
- 9. Patty Industrial Hygiene and Toxicology.
- 10 N I Sax Dangerous properties of Industrial Materials-7, 1939 Eddion,

## Note for users:

The information contained in the present sheet and based on our own knowledge on the date of the last version. Users must verify the suitability and theroughness of provided information according to each specific use of the product.

True document must not be regarded as a guarantee on any appoint product property.

The use of this product is not subject to our direct control, therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability ansing from improper uses.

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## MAIMERI S.p.A.

**DESIGNER'S GOUACHE** 

20116 Primary Yellow

Revision nr.14 Dated 05/02/2010 Printed on 05/02/2010 Page n. 1/3

## **Safety Data Sheet**

## 1. Identification of the substance / preparation and the Company

1.1 Identification of the substance or preparation

Code Product name 20116

DESIGNER'S GOUACHE

20116 Primary Yellow

1.2 Use of the substance / preparation

Intended use

Guache colour

1.3 Company Identification

Name Full address District and Country MAIMERI S.D.A. Via Gianni Maimeri, 1 20060 Mediglia Italia

(MI)

+39 02 906181 Tel. +39 02 90618999 Fax

e-mail address of the competent person responsible for the Safety Data Sheet

schedesiturezza@maimerispa.it

MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY

Product distribution by 1.4 Emergency telephone

For urgent inquines refer to

+39 02 906981

## 2. Hazards Identification.

This product is not dangerous under 67/548/EEC and 1999/45/EC directives and subsequent amendments.

## 3. Composition / information on ingredients.

The product is not classified as hazardous pursuant to directives 67/548/EEC and 1999/45/EC and subsequent amendments and upgrades and does not contain substances classified as being hazardous to human health or the environment pursuant to 67/548/EEC and subsequent amendments.

## 4. First aid measures.

No episodes of damage to health ascribable to the product have been reported. Nevertheless, observance of good industrial hygiene is recommended.

## 5. Fire-fighting measures.

## GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SUITABLE EXTINGUISHING MEDIA

The extinction equipment should be of the conventional kind; carbon dioxide, foam, powder and nebulised water.

EXTINGUISHING MEDIA WHICH SHALL NOT BE USED FOR SAFETY REASONS

None in particular.

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products (carbon oxide, toxic pyrolysis products, etc).

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Hardhat with visor, fireproof clothing (fireproof jacket and trousers with straps around arms, legs and waist), work gloves (fireproof, cut proof and dielectric), a depressurfised mask with facemask covering the whole of the operator's face or a self-respirator (self-protector) in the event of large quantities of fume.

**DESIGNER'S GOUACHE** 

20116 Primary Yellow

Revision nr.14 Dated 05/02/2010 Printed on 05/02/2010 Page n. 2 / 3

## 6. Accidental release measures.

PERSONAL PRECAUTIONS

Use breathing equipment if fumes or powders are released into the air.

ENVIRONMENTAL PRECAUTIONS

The product must not penetrate the sewers, surface water, ground water and neighbouring areas.

METHODS FOR CLEANING UP

Confine using earth or inert material. Collect as much material as cossible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

## 7. Handling and storage.

Make sure that equipment is available for cooling the vessels, to prevent the danger of overpressure and overheating in the event of fire in the vicinity. Refer to the other sections of this data sheet for information relating to health and environmental risks.

## 8. Exposure control / personal protection.

#### 8.1 Exposure limit values.

Not available.

## 8.2 Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required

EYE PROTECTION

None required.

HAND PROTECTION

None required. SKIN PROTECTION

None required.

## 9. Physical and chemical properties.

Colour Odour

YELLOW ARABIC GUM

Appearance PASTE

Solubility INSOLUBLE, DILUTE WITH WATER **Viscosity** 20000 cps

pH. Boiling point Not available.

Flash point. Explosive properties. Not available

Vapour pressure. Not available. Specific gravity. 0.2 Kg/i Solid content: 40,62 %

0

VOC (Directive 1999/13/EC) . VOC (volatile carbon) : 0

## 10. Stability and reactivity.

The product is stable in normal conditions of use and storage. In the event of thermal decomposition or fire, vapours potentially dangerous to health may be released.

## 11. Toxicological information.

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled carefully according to good industrial practices. This product may have slight health effects on sensitive people, by inhalation and/or cutaneous absorption and/or contact with eyes and/or ingestion.

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## <u>MAIMERI S.p.A.</u>

**DESIGNER'S GOUACHE** 

20116 Primary Yellow

Revision nr.14 Dated 05/02/2010 Printed on 05/02/2010 Page n. 3 / 3

#### 12. Ecological Information.

Use this product according to good working practices. Avoid littering, Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

## 13. Disposal consideration.

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

## 14. Transport Information.

This product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA)

## 15. Regulatory Information.

Warning symbols: None,

Hazard sentences (R): None.

Caution recommendations (S): None.

This product is not subject to hazard labeling under the 67/548/EEC and 1999/45/EC directives and following amendments and adjustments.

## 16. Other information.

#### GENERAL BIBLIOGRAPHY

- 1. Directive 1999/45/EC and following amendments;
- 2. Directive 67/548/EEC and following amendments and adjustments (technical adjustment XXIX);
- 3. Regulation (EC) 1272/2008 (CLP) of the European Parliament;
- 4. Regulation (EC) 1907/2006 (REACH) of the European Parliament;
- 5. The Merck Index. 10th Edition:
- 6. Handling Chemical Safety;
- 7. Niosh Registry of Toxic Effects of Chemical Substances; 8. INRS Fiche Toxicologique (toxicological sheet);
- 9. Patty Industrial Hygiene and Toxicology:
- 10. N.I. Sax Dangerous properties of Industrial Materials-7, 1989 Edition;

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

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## MAIMERI S.p.A.

**DESIGNER'S GOUACHE** 

20018 Titanium White

Revision nr.17 Dated 05/02/2010 Printed on 05/02/2010 Page n. 1/3

## **Safety Data Sheet**

## 1. Identification of the substance / preparation and the Company

## 1.1 Identification of the substance or preparation

Code: Product name 20018

DESIGNER'S GOUACHE

20018 Titanium White

## 1.2 Use of the substance / preparation

Intended use

Guache colour

## 1.3 Company identification

Full address District and Country MAIMERI S.p.A. Via Gianni Maimeri, 1 Mediglia Italia

(MI)

-39 02 906981 Fax +39 02 90638999

e-mail address of the competent person

responsible for the Safety Data Sheet

schedesicurezza@maimerispa.it

Product distribution by

MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY

## 1.4 Emergency telephone

For urgent inquines refer to

+39 02 906981

#### 2. Hazards Identification.

This product is not dangerous under 67/548/EEC and 1999/45/EC directives and subsequent amendments.

## 3. Composition / Information on Ingredients.

The product is not classified as hazardous pursuant to directives 67/548/EEC and 1999/45/EC and subsequent amendments and upgrades and does not contain substances classified as being hazardous to human health or the environment pursuant to 67/548/EEC and subsequent amendments.

## 4. First ald measures.

No episodes of damage to health ascribable to the product have been reported. Nevertheless, observance of good industrial hygiene is recommended.

## 6. Fire-fighting measures.

## GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SUITABLE EXTINGUISHING MEDIA

The extinction equipment should be of the conventional kind; carbon dioxide, foam, powder and nebulised water,

EXTINGUISHING MEDIA WHICH SHALL NOT BE USED FOR SAFETY REASONS

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products (carbon oxide, toxic pyrolysis products, etc).

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Hardhat with visor, fireproof clothing (fireproof jacket and trousers with straps around arms, legs and waist), work gloves (fireproof, cut proof and dielectric), a depressurised mask with facemask covering the whole of the operator's face or a self-respirator (self-protector) in the event of large quantities of furne.

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**DESIGNER'S GOUACHE** 

20018 Titanium White

Revision nr.17 Dated 05/02/2010 Printed on 05/02/2010 Page n. 2/3

#### 6. Accidental release measures.

PERSONAL PRECAUTIONS

Use breathing equipment if fumes or powders are released into the air.

**ENVIRONMENTAL PRECAUTIONS** 

The product must not penetrate the sewers, surface water, ground water and neighbouring areas.

METHODS FOR CLEANING UP

Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

#### 7. Handling and storage.

Make sure that equipment is available for cooling the vessels, to prevent the danger of overpressure and overheating in the event of fire in the vicinity. Refer to the other sections of this data sheet for information relating to health and environmental risks.

## 8. Exposure control / personal protection.

#### 8.1 Exposure limit values.

Not available.

#### 8.2 Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required.

SKIN PROTECTION

None required.

## 9. Physical and chemical properties.

Colour WHITE ARABIC GUM Odour

Appearance Solubility

INSOLUBLE, DILUTE WITH WATER

Viscosity 20000 cps Not available. Vapour density Evaporation Rate Not available. Reactive Properties Partition coefficient n-octanol/water

oH.

Boiling point

Not available. Flash point. 61 Not available. Explosive properties. Not available. Specific gravity. 0,2 Kg/l

63,48 % VOC (Directive 1999/13/EC): ٥ ŏ

VOC (volatile carbon) :

## 10. Stability and reactivity.

The product is stable in normal conditions of use and storage. In the event of thermal decomposition or fire, vapours potentially dangerous to health may be released.

## 11. Toxicological information.

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled carefully according to good industrial practices. This product may have slight health effects on sensitive people, by inhalation and/or cutaneous absorption and/or contact with eyes and/or ingestion.

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**DESIGNER'S GOUACHE** 

20018 Titanium White

Revision nr.17 Dated 05/02/2010 Printed on 05/02/2010 Page n. 3 / 3

#### 12. Ecological information,

Use this product according to good working practices. Avoid littering, Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

#### 13. Disposal consideration.

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

## 14. Transport information.

This product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

## 15. Regulatory Information.

Warning symbols: None.

Hazard sentences (R): None.

Caution recommendations (S): None.

This product is not subject to hazard labeling under the 67/548/EEC and 1999/45/EC directives and following amendments and adjustments.

#### 16. Other Information.

GENERAL BIBLIOGRAPHY

- 1. Directive 1999/45/EC and following amendments;
- 2. Directive 67/548/EEC and following amendments and adjustments (technical adjustment XXIX);
- 3. Regulation (EC) 1272/2008 (CLP) of the European Parliament;
- 4. Regulation (EC) 1907/2006 (REACH) of the European Parliament;
- 5. The Merck Index. 10th Edition;
- 6. Handling Chemical Safety;
- 7. Niosh Registry of Toxic Effects of Chemical Substances;
- 8. INRS Fiche Toxicologique (toxicological sheet);
- 9. Patty Industrial Hygiene and Toxicology;
- 10. N.I. Sax Dangerous properties of Industrial Materials-7, 1989 Edition;

## Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

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## MAIMERI S.p.A.

**DESIGNER'S GOUACHE** 

20356 Emerald Green

Revision nr.14 Dated 05/02/2010 Printed on 05/02/2010 Page n. 1/3

## Safety Data Sheet

## 1. Identification of the substance / preparation and the Company

## 1.1 Identification of the substance or preparation

Code

20356

Product name

DESIGNER'S GOUACHE

20356 Emerald Green

1.2 Use of the substance / preparation

Intended use

Guache colour

#### 1.3 Company identification

Full address District and Country

MAIMERI S.p.A. Via Gianni Maimeri, 1 Mediglia 20060 Italia

+39 02 90698599

e-mail address of the competent person responsible for the Safety Data Sheet

schedesicurezza@maimerispa.it

Product distribution by

MAIMERI S.P.A. VIA G, MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY

#### 1.4 Emergency telephone

For urgent inquiries refer to

+39 02 906981

## 2. Hazards Identification.

This product is not dangerous under 67/548/EEC and 1999/45/EC directives and subsequent amendments.

## 3. Composition / Information on Ingredients.

The product is not classified as hazardous pursuant to directives 67/548/EEC and 1999/45/EC and subsequent amendments and upgrades and does not contain substances classified as being hazardous to human health or the environment pursuant to 67/548/EEC and subsequent amendments.

## 4. First aid measures.

No episodes of damage to health ascribable to the product have been reported. Nevertheless, observance of good industrial hygiene is

## 5. Fire-fighting measures.

## GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SUITABLE EXTINGUISHING MEDIA

The extinction equipment should be of the conventional kind: carbon dioxide, foam, powder and nebulised water.

EXTINGUISHING MEDIA WHICH SHALL NOT BE USED FOR SAFETY REASONS

None in particular,

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products (carbon oxide, toxic pyrolysis products, etc).

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Hardhat with visor, fireproof clothing (fireproof jacket and trousers with straps around arms, legs and waist), work gloves (fireproof, cut proof and detectric), a depressurised mask with facemask covering the whole of the operator's face or a self-respirator (self-protector) in the event of large quantities of fume.

**DESIGNER'S GOUACHE** 

20356 Emerald Green

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## 6. Accidental release measures.

PERSONAL PRECAUTIONS

Use breathing equipment if fumes or powders are released into the air.

**ENVIRONMENTAL PRECAUTIONS** 

The product must not penetrate the sewers, surface water, ground water and neighbouring areas.

METHODS FOR CLEANING UP

Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

## 7. Handling and storage.

Make sure that equipment is available for cooling the vessels, to prevent the danger of overpressure and overheating in the event of fire in the vicinity. Refer to the other sections of this data sheet for information relating to health and environmental risks.

#### 8. Exposure control / personal protection.

#### 8.1 Exposure limit values.

Not available.

#### 8.2 Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.
HAND PROTECTION

None required.

SKIN PROTECTION None required.

## 9. Physical and chemical properties.

Colour

GREEN

Appearance

ARABIC GUM PASTE

Solubility

INSOLUBLE, DILUTE WITH WATER

Viscosity

20000 cps

Boiling point Flash point.

Not available

Explosive properties.

Not available.

Vapour pressure.

Not available.

Specific gravity.

Kg/l

Solid content

40.68 %

VOC (Directive 1999/13/EC):

VOC (volatile carbon) :

## 10. Stability and reactivity.

The product is stable in normal conditions of use and storage. In the event of thermal decomposition or fire, vapours potentially dangerous to health may be released.

## 11. Toxicological information.

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled carefully according to good industrial practices. This product may have slight health effects on sensitive people, by inhalation and/or cutaneous absorption and/or contact with eyes and/or ingestion.

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**DESIGNER'S GOUACHE** 

20356 Emerald Green

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## 12. Ecological information.

Use this product according to good working practices. Avoid littering, Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

#### 13. Disposal consideration.

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

This product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

## 15. Regulatory information.

Warning symbols: None.

Hazard sentences (R): None.

Caution recommendations (S): None.

This product is not subject to hazard tabeling under the 67/548/EEC and 1999/45/EC directives and following amendments and

## 16. Other Information.

## GENERAL BIBLIOGRAPHY

- 1. Directive 1999/45/EC and following amendments;
- 2. Directive 67/548/EEC and following amendments and adjustments (technical adjustment XXIX); 3. Regulation (EC) 1272/2008 (CLP) of the European Parliament;
- 4. Regulation (EC) 1907/2006 (REACH) of the European Parliament;
- 5. The Merck Index. 10th Edition;
- 6. Handling Chemical Safety;
- 7. Niosh Registry of Toxic Effects of Chemical Substances;
- 8. INRS Fiche Toxicologique (toxicological sheet);
- 9. Patty Industrial Hygiene and Toxicology;
- 10. N.I. Sax Dangerous properties of Industrial Materials-7, 1989 Edition;

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product .

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

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MAIMERI S.p.A.

**DESIGNER'S GOUACHE** 

20400 Primary Blue - Cyan

Revision nr.13 Dated 05/02/2010 Printed on 05/02/2010 Page n. 1 / 3

## Safety Data Sheet

## 1. Identification of the substance / preparation and the Company

1.1 Identification of the substance or preparation

20400 Product name DESIGNER'S GOUACHE

20400 Primary Blue - Cyan

1.2 Use of the substance / preparation

Intended use Guache colour

1.3 Company identification

Name ull address District and Country MAIMERI S.n.A. Via Gianni Malmeri, 1 20060 Mediglia

(MI)

Italia Ì Tel. +39 02 906981 +39 02 90698999 Fax

e-mail address of the competent person responsible for the Safety Data Sheet

schedesicurezza@maimorlspa.it

Product distribution by

MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY

1.4 Emergency telephone

For urgent inquiries refer to

+39 02 906981

#### 2. Hazards Identification.

This product is not dangerous under 67/548/EEC and 1999/45/EC directives and subsequent amendments.

## 3. Composition / Information on ingredients.

The product is not classified as hazardous pursuant to directives 67/548/EEC and 1999/45/EC and subsequent amendments and upgrades and does not contain substances classified as being hazardous to human health or the environment pursuant to 67/548/EEC and subsequent amendments.

## 4. First aid measures.

No episodes of damage to health ascribable to the product have been reported. Nevertheless, observance of good industrial hygiene is

## 5. Fire-fighting measures.

## GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SUITABLE EXTINGUISHING MEDIA

The extinction equipment should be of the conventional kind; carbon dioxide, foam, powder and nebulised water.

EXTINGUISHING MEDIA WHICH SHALL NOT BE USED FOR SAFETY REASONS

None in particular.

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products (carbon oxide, toxic pyrolysis products, etc).

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Hardhat with visor, fireproof clothing (fireproof jacket and trousers with straps around arms, legs and waist), work gloves (fireproof, cut proof and dielectric), a depressurised mask with facemask covering the whole of the operator's face or a self-respirator (self-protector) in the event of large quantities of fume.

**DESIGNER'S GOUACHE** 

20400 Primary Blue - Cyan

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## 6. Accidental release measures.

PERSONAL PRECAUTIONS

Use breathing equipment if fumes or powders are released into the air.

**ENVIRONMENTAL PRECAUTIONS** 

The product must not penetrate the sewers, surface water, ground water and neighbouring areas.

METHODS FOR CLEANING UP

Confine using earth or inent material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

## 7. Handling and storage.

Make sure that equipment is available for cooling the vessels, to prevent the danger of overpressure and overheating in the event of fire in the vicinity. Refer to the other sections of this data sheet for information relating to health and environmental risks.

## 8. Exposure control / personal protection.

## 8.1 Exposure limit values.

Not available.

## 8.2 Exposure controls.

Observance of safety measures used in handling chemical substances.

RESPIRATORY PROTECTION

None required.

EYE PROTECTION

None required.

HAND PROTECTION

None required

SKIN PROTECTION None required.

## 9. Physical and chemical properties.

Colour Odour

BLUE CYAN ARABIC GUM

Appearance

Solubility

PASTE INSOLUBLE, DILUTE WITH WATER Viscosity 20000 cps

ρH.

Boiling point. Not available.

Flash point. 61 Explosive properties. Not available.

Vapour pressure. Not available. Specific gravity. 0,2 КдЛ Solid content: 42,60 %

VOC (Directive 1999/13/EC): VOC (volatile carbon) :

## 10. Stability and reactivity.

The product is stable in normal conditions of use and storage. In the event of thermal decomposition or fire, vapours potentially dangerous to health may be released.

## 11. Toxicological information.

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled carefully according to good industrial practices. This product may have slight health effects on sensitive people, by inhalation and/or cutaneous absorption and/or contact with eyes and/or ingestion.

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**DESIGNER'S GOUACHE** 

20400 Primary Blue - Cyan

Revision nr.13 Dated 05/02/2010 Printed on 05/02/2010 Page n. 3 / 3

#### 12. Ecological information.

Use this product according to good working practices. Avoid littering, Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

#### 13. Disposal consideration.

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

#### 14. Transport Information.

This product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

## 15. Regulatory information.

Warning symbols: None

Hazard sentences (R): None.

Caution recommendations (S): None.

This product is not subject to hazard labeling under the 67/548/EEC and 1999/45/EC directives and following amendments and adjustments.

## 16. Other Information.

#### GENERAL BIBLIOGRAPHY

- Directive 1999/45/EC and following amendments;
- Directive 67/548/EEC and following amendments and adjustments (technical adjustment XXIX);
   Regulation (EC) 1272/2008 (CLP) of the European Parliament;
- 4. Regulation (EC) 1907/2006 (REACH) of the European Parliament;
- 5. The Merck Index. 10th Edition;
- 6. Handling Chemical Safety,
- 7. Niosh Registry of Toxic Effects of Chemical Substances;
- 8. INRS Fiche Toxicologique (toxicological sheet);
- 9. Patty Industrial Hygiene and Toxicology;
- 10. N.I. Sax Dangerous properties of Industrial Materials-7, 1989 Edition;

## Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

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## MAIMERI S.p.A.

## **DESIGNER'S GOUACHE**

## 20278 Burnt Sienna

Revision nr.14 Dated 05/02/2010 Printed on 05/02/2010 Page n. 1 / 3

## **Safety Data Sheet**

## 1. Identification of the substance / preparation and the Company

1.1 Identification of the substance or preparation

Code: Product name 20278

DESIGNER'S GOUACHE

20278 Burnt Sienna

1.2 Use of the substance / preparation

Guache colour

1.3 Company identification

Full address District and Country MAIMERI S.p.A. Via Gianni Maimeri, 1 20060 Mediglia

(MI)

Italia +39 02 906981

+39 02 90698999 Fax

e-mail address of the competent person

responsible for the Safety Data Sheet

schedesicurezza@maimerispa.it

Product distribution by

MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY

For urgent inquiries refer to

+39 02 906981

#### 2. Hazards identification.

This product is not dangerous under 67/548/EEC and 1999/45/EC directives and subsequent amendments.

## 3. Composition / Information on Ingredients.

The product is not classified as hazardous pursuant to directives 67/548/EEC and 1999/45/EC and subsequent emendments and upgrades and does not contain substances classified as being hazardous to human health or the environment pursuent to 67/548/EEC and subsequent amendments.

## 4. First aid measures.

No episodes of demage to health ascribable to the product have been reported. Nevertheless, observance of good industrial hygiene is recommended.

## 5. Fire-fighting measures.

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SUITABLE EXTINGUISHING MEDIA

The extinction equipment should be of the conventional kind; carbon dioxide, foam, powder and nebulised water. EXTINGUISHING MEDIA WHICH SHALL NOT BE USED FOR SAFETY REASONS

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products (carbon oxide, toxic pyrolysis products, etc).

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Hardhal with visor, fireproof clothing (fireproof jacket and trousers with straps around arms, legs and waist), work gloves (fireproof, cut proof and dielectric), a depressurised mask with facemask covering the whole of the operator's face or a self-respirator (self-protector) in the event of large quantities of fume.

## **DESIGNER'S GOUACHE**

20278 Burnt Sienna

Revision or.14 Dated 05/02/2010 Printed on 05/02/2010 Page n. 2/3

## 6. Accidental release measures.

PERSONAL PRECAUTIONS

Use breathing equipment if fumes or powders are released into the air.

**ENVIRONMENTAL PRECAUTIONS** 

The product must not penetrate the sewers, surface water, ground water and neighbouring areas.

METHODS FOR CLEANING UP

Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

#### 7. Handling and storage.

Make sure that equipment is available for cooling the vessels, to prevent the danger of overpressure and overheating in the event of fire in the vicinity. Refer to the other sections of this data sheet for information relating to health and environmental risks.

## 8. Exposure control / personal protection.

#### 8.1 Exposure limit values.

Not available.

#### 8.2 Exposure controls.

Observance of safety measures used in handling chemical substances. RESPIRATORY PROTECTION

None required. EYE PROTECTION None required. HAND PROTECTION None required.

SKIN PROTECTION

None required.

## 9. Physical and chemical properties.

Odour ARABIC GUM Appearance Solubility INSOLUBLE, DILUTE WITH WATER

Boiling point. Not available. Flash point. Explosive properties. Not available Not available. Vapour pressure. Specific gravity. Not available. Solid content: 60,63 %

VOC (Directive 1999/13/EC): VOC (volatile carbon) :

## 10. Stability and reactivity.

The product is stable in normal conditions of use and storage. In the event of thermal decomposition or fire, vapours potentially dangerous to health may be released.

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## 11. Toxicological Information.

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled carefully according to good industrial practices. This product may have slight health effects on sensitive people, by inhalation and/or cutaneous absorption and/or contact with eyes and/or ingestion.

## 12. Ecological information.

Use this product according to good working practices. Avoid littering, Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

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## **DESIGNER'S GOUACHE**

20278 Burnt Sienna

Revision nr.14 Dated 05/02/2010 Printed on 05/02/2010 Page n. 3 / 3

## 13. Disposal consideration.

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

#### 14. Transport information.

This product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (MDG), and of the International Air Transport Association (IATA) regulations.

## 15. Regulatory information.

Warning symbols: None,

Hazard sentences (R): None.

Caution recommendations (S): None.

This product is not subject to hazard labeling under the 67/548/EEC and 1999/45/EC directives and following amendments and adjustments.

## 16. Other Information.

#### GENERAL BIBLIOGRAPHY

- 1. Directive 1999/45/EC and following amendments;
- 2. Directive 67/548/EEC and following amendments and adjustments (technical adjustment XXIX);
- 3. Regulation (EC) 1272/2008 (CLP) of the European Parliament;
- 4. Regulation (EC) 1907/2006 (REACH) of the European Parliament.
- 5. The Merck Index. 10th Edition;
- 6. Handling Chemical Safety;
- 7. Niosh Registry of Toxic Effects of Chemical Substances;
- 8. INRS Fiche Toxicologique (toxicological sheet);
- 9. Patty Industrial Hygiene and Toxicology:
- 10. N.I. Sax Dangerous properties of Industrial Materials-7, 1989 Edition;

## Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

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## MAIMERI S.p.A.

**DESIGNER'S GOUACHE** 

20530 Black

Revision nr.17 Dated 05/02/2010 Printed on 05/02/2010

## Safety Data Sheet

## 1. Identification of the substance / preparation and the Company

1.1 Identification of the substance or preparation

20530

Product name

DESIGNER'S GOUACHE

20530 Black

1.2 Use of the substance / preparation

Intended use

Guache colour

1.3 Company identification

Full address District and Country MAIMERI S.p.A. Via Gianni Maimeri, 1

Mediglia 20060

Italia

Tel. +39 02 90695999

e-mail address of the competent person responsible for the Safety Data Sheet

schedesicurezza@maimerispa.it

MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY

(MI)

1.4 Emergency telephone

For urgent inquiries refer to

#### 2. Hazards identification.

This product is not dangerous under 67/548/EEC and 1999/45/EC directives and subsequent amendments.

## 3. Composition / Information on Ingredients.

The product is not classified as hazardous pursuant to directives 67/548/EEC and 1999/45/EC and subsequent amendments and upgrades and does not contain substances classified as being hazardous to human health or the environment pursuant to 67/548/EEC and subsequent amendments.

No episodes of damage to health ascribable to the product have been reported. Nevertheless, observance of good industrial hygiene is

## 6. Fire-fighting measures.

## GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of conteminated water used for extinction and the remains of the fire according to applicable regulations. SUITABLE EXTINGUISHING MEDIA

The extinction equipment should be of the conventional kind: carbon dioxide, foam, powder and nebulised water.

EXTINGUISHING MEDIA WHICH SHALL NOT BE USED FOR SAFETY REASONS

None in particular.

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products (carbon oxide, toxic pyrotysis products, etc). SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Hardhat with visor, fireproof clothing (fireproof jacket and trousers with straps around arms, legs and waist), work gloves (fireproof, cut proof and dielectric), a depressurised mask with facemask covering the whole of the operator's face or a self-respirator (self-protector) in the event of large quantities of fume.

## **DESIGNER'S GOUACHE**

20530 Black

Revision nr.17 Dated 05/02/2010 Printed on 05/02/2010 Page n. 2/3

## 6. Accidental release measures.

PERSONAL PRECAUTIONS

Use breathing equipment if fumes or powders are released into the air.

**ENVIRONMENTAL PRECAUTIONS** 

The product must not penetrate the sawers, surface water, ground water and neighbouring areas.

METHODS FOR CLEANING UP

Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

## 7. Handling and storage.

Make sure that equipment is available for cooling the vessels, to prevent the danger of overpressure and overheating in the event of fire in the vicinity. Refer to the other sections of this data sheet for information relating to health and environmental risks.

## 8. Exposure control / personal protection.

## 8.1 Exposure limit values.

#### 8.2 Exposure controls.

Observance of safety measures used in handling chemical substances. RESPIRATORY PROTECTION

EYE PROTECTION

None required.

HAND PROTECTION

None required. SKIN PROTECTION

None required.

## 9. Physical and chemical properties.

Colour

ARABIC GUM Odour

Appearance Solubility INSOLUBLE, DILUTE WITH WATER

Viscosity 20000 cps

Vapour density Not available **Evaporation Rate** Not available. Reactive Properties
Partition coefficient: n-octanol/water

Not available.

pH. Boiling point. Not available. Flash point. Explosive properties. Not available. Vapour pressure.

Not available. Specific gravity.
Solid content: 0.2 0.2 48,61 %

VOC (Directive 1999/13/EC) : VOC (volatile carbon) : 0

## 10. Stability and reactivity.

The product is stable in normal conditions of use and storage. In the event of thermal decomposition or fire, vapours potentially dangerous to health may be released.

## 11. Toxicological information.

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled carefully according to good industrial practices. This product may have slight health effects on sensitive people, by inhalation and/or cutaneous absorption and/or contact with eyes and/or ingestion,

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## **DESIGNER'S GOUACHE**

20530 Black

Revision nr.17 Dated 05/02/2010 Printed on 05/02/2010 Page n. 3 / 3

## 12. Ecological information.

Use this product according to good working practices. Avoid littering, Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

## 13. Disposal consideration.

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

## 14. Transport Information.

This product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

## 15. Regulatory information.

Warning symbols: None.

Hazard sentences (R): None.

Caution recommendations (S): None.

This product is not subject to hazard labeling under the 67/548/EEC and 1999/45/EC directives and following amendments and adjustments.

## 16. Other information.

#### GENERAL BIBLIOGRAPHY

- 1. Directive 1999/45/EC and following amendments;
- 2. Directive 67/548/EEC and following amendments and adjustments (technical adjustment XXIX);
- 3. Regulation (EC) 1272/2008 (CLP) of the European Parliament;
- 4. Regulation (EC) 1907/2006 (REACH) of the European Parliament;
- 5. The Merck Index. 10th Edition,
- 6. Handling Chemical Safety;
- 7. Niosh Registry of Toxic Effects of Chemical Substances;
- 8. INRS Fiche Toxicologique (toxicological sheet);
- 9. Patty Industrial Hygiene and Toxicology;
- 10. N.I. Sax Dangerous properties of Industrial Materials-7, 1989 Edition;

## Note for users

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

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**AUXILIARY PRODUCTS** 

58610 Pencil and charcoal fixative

Revision nr.38 Dated 18/01/2010 Printed on 18/01/2010 Page n. 1 / 5

## **Safety Data Sheet**

## 1. Identification of the substance / preparation and the Company

1.1 Identification of the substance or preparation

Code:

Product name

58610

**AUXILIARY PRODUCTS** 

58610 Pencil and charcoal fixative

: 1.2 Use of the substance / preparation

Intended use

Pencil and charcoal fixative

1.3 Company identification

Name Full address District and Country MAIMERI S.p.A. Via Gianni Maimeri, t 20060 Mediglia Italia

(MI)

Tel. +39 02 906981 Fax +39 02 90698999

e-mail address of the competent person responsible for the Safety Data Sheet

schedesicurezza@maimerispa.it

Product distribution by

MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY

1.4 Emergency telephone

For urgent inquiries refer to

+39 02 906981

## 2. Hazards Identification.

## 2.1 Substance/Preparation Classification.

This product is dangerous under 67/548/EEC and 1999/45/EC directives and subsequent amendments. Therefore, this product requires a safety data sheet according to the Regulation (EC) 1907/2006 and subsequent amendments. Further information on health and/or environmental hazards can be found in sections 11 and 12 of this sheet.

Danger Symbols:

F

R phrases:

11

## 2.2 Danger Identification.

Because of its chemical-physical features, this product is graded as highly flammable (flash-point below 21 °C).

## 3. Composition / Information on ingredients.

The product is not classified as hazardous pursuant to directives 67/548/EEC and 1999/45/EC and subsequent amendments and upgrades and does not contain substances classified as being hazardous to human health or the environment pursuant to 67/548/EEC and subsequent amendments.

## 4. First aid measures.

No harm to the staff authorised to use has been reported. However, in case of contact, inhalation or ingestion, the following general measures provided for a first aid shall be taken.

INHALATION: remove to open air. If respiration is difficult, administer artificial respiration and seek medical advice.

INGESTION: seek medical attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person.

EYES and SKIN: wash with plenty of water; if the irritation persists, seek medical advice.

**AUXILIARY PRODUCTS** 

58610 Pencil and charcoal fixative

Revision nr.38 Dated 18/01/2010 Printed on 18/01/2010 Page n. 2/5

## 5. Fire-fighting measures.

#### GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Excess pressure may form in containers exposed to fire at a risk of explosion. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water and the remains of the fire according to applicable regulations.

SUITABLE EXTINGUISHING MEDIA

The extinction equipment should contain carbon dioxide, foam or chemical powders. For product leaks and spills that have not caught fire, nebulised water can be used to dispel flammable fumes and protect the individuals taking part in stemming the leak. EXTINGUISHING MEDIA WHICH SHALL NOT BE USED FOR SAFETY REASONS

Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products (carbon oxide, toxic pyrolysis products, etc).

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Hardhat with visor, fireproof clothing (fireproof jacket and trousers with ties around arms, legs and waist) work gloves (fireproof, cut proof and dielectric), self-respirator (self-protector).

#### 6. Accidental release measures.

#### PERSONAL PRECAUTIONS

Eliminate sources of ignition (cigarettes, flames, sparks, etc.) from the air in which the leak occurred. If there are no contraindications, spray solid products with water to prevent the formation of dust. Use breathing equipment if fumes or powders are released into the air. Block the leakage if there is no hazard. Do not handle damaged containers or leaked product before donning appropriate protective gear. Send away individuals who are not suitably equipped. For information on risks for the environmental and health, respiratory tract protection, ventilation and personal protection equipment, refer to the other sections of this sheet.

**ENVIRONMENTAL PRECAUTIONS** The product must not penetrate the sewers, surface water, ground water and neighbouring areas.

METHODS FOR CLEANING UP

For liquid products, suck into a suitable container (made of material not incompatible with the product) and soak up any leaked product with absorbent inert material (sand, vermiculite, diatomeous earth, Kieselguhr, etc). Collect the majority of the remaining material and deposit in containers for disposal. For solid products, use spark proof mechanical tools to collect the leaked product and place in plastic containers. If there are no contraindications, use jets of water to eliminate product residues. Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

## 7. Handling and storage.

Avoid the accumulation of electrostatic charges. Store the containers sealed and in a well ventilated place. Vapours may ignite with

explosion, it is therefore necessary to avoid accumulation keeping the windows and doors open, ensuring crossventilation.

Without adequate ventilation, the vapours may accumulate at the bottom and ignite at a distance, if triggered off, with the risk of flashback. Keep far away from sources of heat, sparks and bright flames. Do not smoke, use matches or lighters. Keep the containers earthed while decanting and wear antistatic boots.

Vigorous stiming and flow through the pipings and equipment may cause the formation and accumulation of electrostatic charges due to the low conductivity of the product. In order to avoid the risk of fire outbreak and explosion never use compressed air during movement.

## 8. Exposure control / personal protection.

## 8.1 Exposure limit values.

Not available.

## 8.2 Exposure controls.

As the use of adequate technical equipment must always take priority over personal protection equipment, make sure that the workplace is well aired through effective local aspiration or bad air vent. If such operations do not make it possible to keep the concentration of the product below the permitted workplace exposure thresholds a suitable respiratory tract protection must be used. See product label for hazard details during use. Ask your chemical substance suppliers for advice when choosing personal protection equipment. Personal protection equipment must comply with the rules in force indicated below.

## HAND PROTECTION

Protect hands with category I (ref. Directive 89/686/EEC and standard EN 374) work gloves, such as those in latex, PVC or equivalent. The following should be considered when choosing work glove material: degradation, breakage times and permeation. Work glove resistance to preparations should be checked before use, as it can be unpredictable. Gloves' limit depends on the duration of exposure. EYE PROTECTION

Use of protective airtight goggles (ref. standard EN 166) recommended.

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#### SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (ref. Directive 89/686/CEE and standard EN 344). Wash body with soap and water after removing overalls.

RESPIRATORY PROTECTION

If the threshold value for one or more of the substances present in the preparation for daily exposure in the workplace or to a fraction established by the company's prevention and protection service is exceeded, wear a mask with an AX or universal filter, the class (1, 2 or 3) of which must be chosen according to the limit concentration of use (ref. standard EN 141).

The use of breathing protection equipment, such as masks with organic vapour and dust/mist cartridges, is necessary in the absence of technical measures limiting worker exposure. The protection provided by masks is in any case limited.

If the substance in question is odourless or its olfactory threshold is higher than the relative exposure limit and in the event of an emergency, or when exposure levels are unknown or the concentration of oxygen in the workplace is less than 17% volume, wear self-contained, open-circuit compressed air breathing apparatus (ref. standard EN 137) or fresh air hose breathing apparatus for use with full face mask, half mask or mouthpiece (ref. standard EN 138).

#### 9. Physical and chemical properties.

SLIGHTLY YELLOWISH Odour ALCOOL Appearance LIQUID Solubility ALCOOLS **Viscosity** Not available. Vapour density Not available. Evaporation Rate Not available. Reactive Properties Not available. Partition coefficient: n-octanol/water Not available pH. Boiling point. Not available. Flash point. Explosive properties. Not available Vapour pressure. Not available Specific gravity.

VOC (Directive 1999/13/EC):

0,1 Kg/l 89,86 % - 880,58 46,81 % - 458,73 VOC (volatile carbon): 46,81 % 458,73

g/litre of preparation. g/litre of preparation.

## 10. Stability and reactivity.

The product is stable in normal conditions of use and storage. When heated or in the event of a fire, carbon oxides may be released and vapours which are dangerous to health. The vapours may also form explosive mixtures with the air.

Ethanol reacts violently with strong oxidizing agents.

## 11. Toxicological information.

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled carefully according to good industrial practices. This product may have slight health effects on sensitive people, by inhalation and/or cutaneous absorption and/or contact with eyes and/or ingestion.

ETHANOL: oral LD50 (mg/kg) 1501 (RAT); inhalation LC50 (rat) 5,9 mg/l/6h.

## 12. Ecological information.

Use this product according to good working practices. Avoid littering, Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

## 13. Disposal consideration.

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

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## 14. Transport information.

These goods must be transported by vehicles authorized to the carriage of dangerous goods according to the provisions set out in the current edition of the Code of International Carriage of Dangerous Goods by Road (ADR) and in all the applicable national regulations.

These goods must be packed in their original packagings or in packagings made of materials resistant to their content and not reacting dangerously with it. People loading and unloading dangerous goods must be trained on all the risks deriving from these substances and on all actions that must be taken in case of emergency situations.

## Road and rail transport:

ADR/RID Class: 3 UN: 1263 Ĥ Packing Group: Label: Nr Kemler 33 Limited Quantity. LQ06 Tunnel restriction code. (D/E)

Proper Shipping Name: PAINT or PAINT RELATED MATERIAL

Special Provision: 640D

## Carriage by sea (shipping):

IMO Class: 3 UN: 1263 Packing Group: П Label: F-E EMS: S-E Marine Pollutant. NO

Proper Shipping Name: PAINT OF PAINT RELATED MATERIAL

#### Transport by air:

UN: 1263 Packing Group: П Label: 3 Cargo:

Packaging instructions: 307 Maximum quantity: 60 L Pass. 5 L Packaging instructions: 305 Maximum quantity:

Special Instructions: A3, A72 PAINT or PAINT RELATED MATERIAL Proper Shipping Name:

## 15. Regulatory Information.



R 11	HIGHLY FLAMMABLE.

S 2 S 9 S 16 KEEP OUT OF THE REACH OF CHILDREN.

KEEP CONTAINER IN A WELL-VENTILATED PLACE.
KEEP AWAY FROM SOURCES OF IGNITION - NO SMOKING.
IN CASE OF FIRE, USE SAND, EARTH, POWDER, FOAM.
IF SWALLOWED, SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THIS CONTAINER OR LABEL.

Danger labelling under directives 67/548/EEC and 1999/45/EC and following amendments and adjustments.

## 16. Other information.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments;

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## **AUXILIARY PRODUCTS**

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- 2. Directive 67/548/EEC and following amendments and adjustments (technical adjustment XXIX);
- 3. Regulation (EC) 1272/2008 (CLP) of the European Parliament;
- 4. Regulation (EC) 1907/2006 (REACH) of the European Parliament;
- 5. The Merck Index. 10th Edition;
- 6. Handling Chemical Safety;
- 7. Niosh Registry of Toxic Effects of Chemical Substances;
- 8. INRS Fiche Toxicologique (toxicological sheet);
- 9. Patty Industrial Hygiene and Toxicology;
- 10. N.I. Sax Dangerous properties of Industrial Materials-7, 1989 Edition:

#### Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product .

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

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