

<b>INDUSTRIA MAIMERI S.P.A.</b>		Revision nr.1 Dated 12/6/2014 Printed on 12/6/2014 Page n. 1 / 7
<b>BRERA ACRYLIC</b>	<b>08165 Bordeaux</b>	
<b>Safety data sheet</b>		
<b>SECTION 1. Identification of the substance/mixture and of the company/undertaking</b>		
<b>1.1. Product identifier</b>		
Code:	<b>08165</b>	
Product name	<b>BRERA ACRYLIC</b>	<b>08165 Bordeaux</b>
<b>1.2. Relevant identified uses of the substance or mixture and uses advised against</b>		
Intended use	<b>Acrylic colour.</b>	
<b>1.3. Details of the supplier of the safety data sheet</b>		
Name	<b>INDUSTRIA MAIMERI S.P.A.</b>	
Full address	<b>Via Gianni Maimeri, 1</b>	
District and Country	<b>20060 Mediglia</b>	<b>(MI)</b>
	<b>Italia</b>	
	<b>Tel. +39 02 906981</b>	
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e-mail address of the competent person responsible for the Safety Data Sheet	<b>schedesicurezza@maimeri.it</b>	
Product distribution by	<b>INDUSTRIA MAIMERI S.P.A. VIA G.MAIMERI 1 20060 BETTOLINO DI MEDIGLIA (MI) ITALY</b>	
<b>1.4. Emergency telephone number</b>		
For urgent inquiries refer to	<b>Australia : 131126</b>	
	<b>USA: 1 800 222 1222</b>	
	<b>Regno Unito NHS Direct (UK): +44 (0) 845 46 47</b>	
<b>SECTION 2. Hazards identification.</b>		
<b>2.1. Classification of the substance or mixture.</b>		
The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with appropriate information, compliant to EC Regulation 1907/2006 and subsequent amendments.		
<b>2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.</b>		
Hazard classification and indication:	--	
<b>2.2. Label elements.</b>		
Hazard pictograms:	--	
Signal words:	--	
Hazard statements:	--	
Precautionary statements:	--	
Safety data sheet available for professional users on request.		
<b>2.3. Other hazards.</b>		
Information not available.		

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### SECTION 3. Composition/information on ingredients.

#### 3.1. Substances.

Information not relevant.

#### 3.2. Mixtures.

##### Contains:

Identification.	Conc. %.	Classification 67/548/EEC.	Classification 1272/2008 (CLP).
<b>2-AMINO-2-METHYLPROPANOL</b>			
CAS. 124-68-5	1,5 - 2	R52/53, Xi R36/38	Eye Irrit. 2 H319, Skin Irrit. 2 H315, Aquatic Chronic 3 H412
EC. 204-709-8			
INDEX. 603-070-00-6			

Note: Upper limit is not included into the range.  
The full wording of the Risk (R) and hazard (H) phrases is given in section 16 of the sheet.

T+ = Very Toxic(T+), T = Toxic(T), Xn = Harmful(Xn), C = Corrosive(C), Xi = Irritant(Xi), O = Oxidizing(O), E = Explosive(E), F+ = Extremely Flammable(F+), F = Highly Flammable(F), N = Dangerous for the Environment(N)

### SECTION 4. First aid measures.

#### 4.1. Description of first aid measures.

EYES: Remove contact lenses, if present Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice

SKIN: Remove contaminated clothing. Wash immediately with plenty of water. If irritation persists, get medical advice/attention. Wash contaminated clothing before using it again.

INHALATION: Remove to open air. In the event of breathing difficulties, get medical advice/attention immediately.

INGESTION: Get medical advice/attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person, unless authorised by a doctor.

#### 4.2. Most important symptoms and effects, both acute and delayed.

For symptoms and effects caused by the contained substances, see chap. 11.

#### 4.3. Indication of any immediate medical attention and special treatment needed.

Information not available.

### SECTION 5. Firefighting measures.

#### 5.1. Extinguishing media.

##### SUITABLE EXTINGUISHING EQUIPMENT

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

##### UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

#### 5.2. Special hazards arising from the substance or mixture.

##### HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products.

#### 5.3. Advice for firefighters.

##### 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.

##### SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

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## SECTION 6. Accidental release measures.

### 6.1. Personal precautions, protective equipment and emergency procedures.

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

### 6.2. Environmental precautions.

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

### 6.3. Methods and material for containment and cleaning up.

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10.

Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Check incompatibility for container material in section 7. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

### 6.4. Reference to other sections.

Any information on personal protection and disposal is given in sections 8 and 13.

## SECTION 7. Handling and storage.

### 7.1. Precautions for safe handling.

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

### 7.2. Conditions for safe storage, including any incompatibilities.

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.

### 7.3. Specific end use(s).

Information not available.

## SECTION 8. Exposure controls/personal protection.

### 8.1. Control parameters.

Information 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.

#### 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.

#### 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 (if available) 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 A 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 respiratory tract protection equipment, such as masks like that indicated above, is necessary to reduce worker exposure in the absence of technical measures. 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).

#### EYE PROTECTION

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

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## SECTION 9. Physical and chemical properties.

### 9.1. Information on basic physical and chemical properties.

Appearance	paste		
Colour	dark red		
Odour	SLIGHTLY AMMONIA		
Odour threshold.	Not available.		
pH.	9		
Melting point / freezing point.	Not available.		
Initial boiling point.	Not available.		
Boiling range.	Not available.		
Flash point.	>	60 °C.	
Evaporation Rate	Not available.		
Flammability of solids and gases	Not available.		
Lower inflammability limit.	Not available.		
Upper inflammability limit.	Not available.		
Lower explosive limit.	Not available.		
Upper explosive limit.	Not available.		
Vapour pressure.	Not available.		
Vapour density	Not available.		
Relative density.	0,2 Kg/l		
Solubility	INSOLUBLE, DILUTE WITH WATER		
Partition coefficient: n-octanol/water	Not available.		
Auto-ignition temperature.	Not available.		
Decomposition temperature.	Not available.		
Viscosity	20.000 / 25.000 cps		
Explosive properties	Not available.		
Oxidising properties	Not available.		

### 9.2. Other information.

Solid content.	6,51 %		
VOC (Directive 1999/13/EC) :	1,73 %	- 18,98	g/litre.
VOC (volatile carbon) :	0,93 %	- 10,22	g/litre.

## SECTION 10. Stability and reactivity.

### 10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

### 10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

### 10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

2-AMINO-2-METHYLPROPANOL: can react dangerously with strong oxidising agents and strong acids.

### 10.4. Conditions to avoid.

None in particular. However the usual precautions used for chemical products should be respected.

### 10.5. Incompatible materials.

2-AMINO-2-METHYLPROPANOL: Cu and its alloys.

### 10.6. Hazardous decomposition products.

2-AMINO-2-METHYLPROPANOL: nitric oxides.

## SECTION 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.

### 11.1. Information on toxicological effects.

Information not available.



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Page n. 6 / 7**SECTION 15. Regulatory information. ... / >>**

None.

Healthcare controls.  
Information not available.**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

**SECTION 16. Other information.**

<b>H319</b>	Causes serious eye irritation.
<b>H315</b>	Causes skin irritation.
<b>H412</b>	Harmful to aquatic life with long lasting effects.

Text of risk (R) phrases mentioned in section 2-3 of the sheet:

<b>R36/38</b>	IRRITATING TO EYES AND SKIN.
<b>R52/53</b>	HARMFUL TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.

## LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

## GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. Regulation (EC) 286/2011 (II Atp. CLP) of the European Parliament
8. The Merck Index. - 10th Edition

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Page n. 7 / 7**SECTION 16. Other information. ... / >>**

- 9. Handling Chemical Safety
- 10. Niosh - Registry of Toxic Effects of Chemical Substances
- 11. INRS - Fiche Toxicologique (toxicological sheet)
- 12. Patty - Industrial Hygiene and Toxicology
- 13. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- 14. ECHA website

**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.

Provide appointed staff with adequate training on how to use chemical products.

**Changes to previous review:**

The following sections were modified:

02 / 03 / 04 / 05 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 15 / 16.