22448-1009

FABER-CASTELL	MSDS - MATERIAL SAFETY DATA SHEET	Page 1/3
A.W. FABER-CASTELL S.A.		03/11/2010

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Color Pencils

– Bicolor

Information of application and use: Coloring in general – paper.

• Supplier: A.W. Faber-Castell S.A.

Rua Coronel José Augusto de Oliveira Salles, 1.876

São Carlos - SP

Brazil - http://www.faber-castell.com.br

Zip Code: 13560-911

Telephone: +55 16 2106-1250

Emergency Telephone: +55 16 2106-1218

2. COMPOSITION / INFORMATION ON INGREDIENTS

Composition	CAS/CI	Weight (%)
Wax	8016-70-4/ 8002-74-2/ 57114	10,00 – 30,00
Binder	9004-67-5/7732-18-5/7647-14-5	5,00 - 10,00
Inert Filler	1332-58-7/1592-23-0	50,00 - 75,00
	21100/77491/45160/45175:1/74160/12385/2	2,00 - 35,00
Pigments	1645-51-2/13463-67-7/7631-86-	
	9/15850:1/42555/74260/77266/77492/11741/	
	77499/11710/7429-90-5/51319/74160	

3. HAZARDS IDENTIFICATION

 Product nontoxic and non-hazardous according to DIN EN-71 / 3, EN-71 / 9, 16 CFR 1303, Directive 2005/84 EEC, ASTM F 963-07 and ASTM D 4236

4. FIRST-AID MEASURES

After inhalation: not applicable

• After skin contact: not applicable

After eye contact: not applicable

· After consumption: not applicable

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FABER-CASTELL	MSDS – MATERIAL SAFETY DATA SHEET	2/3
A.W. FABER-CASTELL S.A.		03/11/2010

5. FIRE-FIGHTING MEASURES

- Non flammable product
- Product is constituted by wood and leads that can burns under fire

6. WASTE / ACCIDENTAL DISCHARGING MEASURES

Not applicable

7. HANDLING AND STORAGE

- Handling: no special cares are needed
- Storage: no special cares are needed

8. LIMITATION OF EXPOSURE / PERSONAL PROTECTION

Not applicable / No special cares are needed

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling-point (°C): not applicable Melting point (°C): not applicable Decomposition temp (°C): 300°C for the Steam density (air = 1): not applicable most instable solid ingredient of lead. Flash-point (°C): not applicable

Spontaneous ignition point (°C): not Solubility in water: insoluble applicable

Explosive limits (%): not applicable

Oxidizing properties: not applicable Steam pressure (mm Hg): not applicable Density (g/cm³): not applicable Viscosity (Poise): not applicable

10. STABILITY AND REACTIVITY

- Stability: stable solid (avoid temperature above 45° C and direct sunlight exposition)
- Reactivity in water: non reactive
- Decomposition products: as a wooden material can be generate CO, CO2 and water

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FABER-CASTELL	MSDS – MATERIAL SAFETY DATA SHEET	3/3
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11. TOXICOLOGICAL INFORMATION

- Non toxic in accordance with DIN EN 71
- Acute Oral Toxicity not applicable
- Acute Inhalation not applicable
- Acute Dermal Toxicity not applicable

12. ECOTOXICOLOGICAL INFORMATION

• This product has no hazardous substances that affect the Ecosystem

13. DISPOSAL CONSIDERATIONS

· No special procedures are needed

14. TRANSPORT INFORMATION

Not applicable

15. REGULATORY INFORMATION

- Product label: Water-Colour Pencil (single colour or double ended colour)
- Hazard Class: Non-hazardous

16. OTHER INFORMATION

- Reason this document: Commercial product
- Prepared by: Célia Domingues da Costa
- Title: R&D Researcher
- Registration: CRQ 04.232.994.- IV Regional Chemistry Council

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FABER-CASTELL	MSDS – MATERIAL SAFETY DATA SHEET	1/3
A.W. FABER-CASTELL S.A.		03/10/2010

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Color Pencils – Watercolor Pencils

Information of application and use: Coloring in general – paper.

• Supplier: A.W. Faber-Castell S.A.

Rua Coronel José Augusto de Oliveira Salles, 1.876

São Carlos - SP

Brazil - http://www.faber-castell.com.br

Zip Code: 13560-911

Telephone: +55 16 2106-1250

Emergency Telephone: +55 16 2106-1218

2. COMPOSITION / INFORMATION ON INGREDIENTS

Composition	CAS/CI	Weight (%)
Wax	68439-49-6	10,00 – 30,00
Binder	9004-67-5/7732-18-5/7647-14-5	55,00 - 80,00
Inert Filler	1332-56-7/1592-23-0	1,00 — 5,00
	21100/77491/45160/45175:1/74160/12385/2	20,00 – 45,00
Pigments	1645-51-2/13463-67-7/7631-86-	
	9/15850:1/42555/74260/77266/77492/11741/	
	77499/11710/7429-90-5/51319/74160	

3. HAZARDS IDENTIFICATION

 Product nontoxic and non-hazardous according to DIN EN-71 / 3, EN-71 / 9, 16 CFR 1303, Directive 2005/84 EEC, ASTM F 963-07 and ASTM D 4236.

4. FIRST-AID MEASURES

After inhalation: not applicable

After skin contact: not applicable

• After eye contact: not applicable

· After consumption: not applicable

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5. FIRE-FIGHTING MEASURES

- Non flammable product
- Product is constituted by wood and leads that can burns under fire

6. WASTE / ACCIDENTAL DISCHARGING MEASURES

Not applicable

7. HANDLING AND STORAGE

- Handling: no special cares are needed
- Storage: no special cares are needed

8. LIMITATION OF EXPOSURE / PERSONAL PROTECTION

Not applicable / No special cares are needed

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling-point (°C): not applicable Melting point (°C): not applicable Decomposition temp (°C): 300°C for the Steam density (air = 1): not applicable most instable solid ingredient of lead. Flash-point (°C): not applicable

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Oxidizing properties: not applicable Steam pressure (mm Hg): not applicable Density (g/cm³): not applicable Viscosity (Poise): not applicable

10. STABILITY AND REACTIVITY

- Stability: stable solid (avoid temperature above 45° C and direct sunlight exposition)
- Reactivity in water: non reactive
- Decomposition products: as a wooden material can be generate CO, CO2 and water

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11. TOXICOLOGICAL INFORMATION

- Non toxic in accordance with DIN EN 71
- Acute Oral Toxicity not applicable
- Acute Inhalation not applicable
- Acute Dermal Toxicity not applicable

12. ECOTOXICOLOGICAL INFORMATION

This product has no hazardous substances that affect the Ecosystem

13. DISPOSAL CONSIDERATIONS

· No special procedures are needed

14. TRANSPORT INFORMATION

Not applicable

15. REGULATORY INFORMATION

- Product label: Water-Colour Pencil (single colour or double ended colour)
- Hazard Class: Non-hazardous

16. OTHER INFORMATION

- Reason this document: Commercial product
- Prepared by: Célia Domingues da Costa
- Title: R&D Researcher
- Registration: CRQ 04.232.994 IV Regional Chemistry Council

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Report No:	HA-12-00780
Date:	Apr 25, 2012
Page:	1 of 7
Lab Location:	HONG KONG

Applicant:	Faber-Castell
Attention:	Shella Attina
Address:	9450 Allen Dr. Cleveland, Ohio 44125

SAMPLE INFORMATION			
Sample Description:	Titi Oil Pastels		
Style / Item No.:	NA	Quantity:	NA
Vendor:	TiTi	Manufacture:	NA
Client requested Age Grade:	NA	Color:	NA
Labeled Age Grade	NA	P. O. / Order No.:	NA
Appropriate Age Grade:	NA	Country of Origin:	China
Age Grade for Testing:	NA	Country of Destination:	NA
Submitted Documents:	NA		

TEST INFORMATION			
Sample Submitted by:	Applicant		
Testing Status:	NA	Previous Report No.:	NA
Date of Submission:	Mar 29, 2012		
Test Performance Dates:	Apr 19, 2012 Apr 25, 2012		

EXECUTIVE SUMMARY

Test data for the following test(s) performed on the submitted sample(s) are shown on Page 2 to 7 as per client's request:
- Material Safety Data Sheet

For and on behalf of Modern Testing Services (Global) Ltd.

CHUNG, On Ping Karen Division Manager, Analytical Division

This Test Report is used by the Company subject to its General Conditions of Service printed overleaf. Attention is drawn to the limitations of babdity, indemnification and jurisdictional issue defined therein. The results shown is this tost report refer only to the sample(s) tested unless otherwise stated. This Test Report cannot be reproduced, except in full, without prior written permission of the Company.

Modern Testing Services (Global) Ltd. 6/F - 8/F, CEO Tower, 77 Wing Hong Street, Cheung Sha Wan, Kowloon, Hong Kong Tel: (852) 3604-1328 Fax: (852) 2323-4180 E-mail: info@mts-global.com Webelte: www.mts-global.com



Report No:	HA-12-00780
Date:	Apr 25, 2012
Page:	2 of 7
Lab Location:	HONG KONG

TEST SUMMARY:





Material Safety Data Sheet

1. Product and Company Identification

Product:	Oil Pastels	
Version #:	Version #1	
Revision Date:	April 18, 2012	
CAS#:	Mixtures	
Product Use:	Stationary	
Manufacturer/Supplier:		
Company Name	Titi Co. LTD	
Company Address:	DI Area Mahenzhen Ind. Zone	
	Xiak-Zhen, Jiangsu Prov.	
	China	
Telephone Number:	86-510-86528999	
Contact Person:	W.H. Cho	

2. Hazardous Identification

Physical State:	Solid
Emergency Overview:	Not a dangerous substance or mixture according to Global Harmonized System (GHS)
Potential Health Effects	
Routes Of Exposure:	Not likely due to physical form.
Eyes:	Not likely due to physical form.
Skin:	Not likely due to physical form.
Ingestion:	N/A
Target Organs:	Not applicable.
Chronic Effects:	Not known.
Signs and Symptoms:	Not applicable.
Potential Environmental Effects:	Not known.

3. Composition / Information on Ingredients:

Detailed formulation is submitted by the client as follows:

Chemical Name	CAS RN	
Calcium Carbonate	471-34-1	
Stearic Acid	57-11-4	
White Mineral Oil	8042-47-5	
Hydrogenated Palm Oil	68514-74-9	
Paraffin Wax	8002-74-2	
Titanium Dioxide	13463-67-7	
Pigment Yellow 12	6358-85-6	

Modern Testing Services (Global) Ltd.
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TEST SUMMARY:

4. First Aid Measures:

First Aid Procedures	
Eye Contact:	In case of eye contact (which is very unlikely due to the nature of the product), immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if irritation develops or persists.
Skin Contact:	In case of skin contact with contents of product (which is very unlikely due to the nature of the product), remove contaminated clothing and wash skin with soap and water.
Ingestion:	Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
Notes to Physician:	No particular instruction.
General Advice:	Follow general precautionary measures.

5. Fire Fighting Measures:

Extinguishing Media	
Suitable Extinguishing Media:	Water. Foam. Dry powder. Carbon dioxide (CO2).
Unsuitable Extinguishing Media:	None
Protection Of Firefighters	
Specific hazards arising from the Chemical:	No particular hazards.
Protective equipment and Precautions for firefighters:	Use standard firefighting procedures and consider the hazards of other involved materials.
Special protective equipment for Fire fighters:	Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.
Specific Methods	No particular specific methods suggested.
Hazardous combustion products	Carbon monoxide and carbon dioxide.

6. Accidental Release Measures:

Personal Precautions:	Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Avoid inhalation of vapors and contact with skin and eyes. Wear suitable protective clothing. See Section 8 of the MSDS for Personal Protective Equipment.
Environmental Precautions:	Do not allow to enter drains, sewers or water courses.
Methods For Cleaning Up:	Clean up in accordance with all applicable regulations, Remove sources of ignition. Absorb spillage with non-combustible, absorbent material. Containers with collected spillage must be properly labeled with correct contents and hazard symbol.

7. Handling And Storage:

Storage:	Store in a cool, dry place. Keep container closed when not in use.
Handling:	Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes. Avoid ingestion and inhalation.
Packaging Material:	No information found.

Modern Testing Services (Global) Ltd.
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Tel: (852) 3604-1328 Fax: (852) 2323-4180 E-mail: info@mts-global.com Website: www.mts-global.com



Report No:	HA-12-00780
Date:	Apr 25, 2012
Page:	4 of 7
Lab Location:	HONG KONG

TEST SUMMARY:

8. Exposure Controls / Personal Protection

Personal Protective Equipment:	The usual precautionary measures for handling chemicals should be followed.
Respiratory Protection:	Wear self-inhalation filter-type dust respirator.
Eye Protection:	Wear chemical goggles.
Hygiene Measures:	Wash contaminated clothing before use.
Environmental Exposure Controls:	No information found.

9. Physical & Chemical Properties

Appearance	Solid
Color:	Mixture
Odor:	No odor
pH:	Not Available
Boiling Point/Range:	Not Available
Melting Point/Range:	Not Available
Flash Point:	Not Available
Evaporation Rate:	Not Available
Vapor Density:	Not Available
Solubility In Other Solvents:	Not Available
Oxidizing Properties:	Not Available
Vapor Pressure:	Not Available
Relative Density:	No Data Available
Water Solubility:	Not Available
Viscosity:	Not Available
Partition Coefficient (n-octanol/water):	Not Available
Explosive Properties:	Not Available

10. Chemical Stability & Reactivity Information

Chemical Stability:	Stable under normal temperature conditions.
Conditions To Avoid:	Not Available
Incompatible Materials:	Not Available
Hazardous Decomposition Products:	At thermal decomposition temperature, carbon monoxide and carbon dioxide.
Possibility Of Hazardous Ractions:	Hazardous chemical reaction does not occur.



Report No:	HA-12-00780	
Date:	Apr 25, 2012	
Page:	5 of 7	
Lab Location:	HONG KONG	

TEST SUMMARY:

11. Toxicological information:

In accordance with US 16 CFR 1500.3, this formulation contains no dangerous chemicals.

Toxicological Data		
Acute Toxicity:	No information about product's acute toxicity available.	
Inhalation:	No information available.	
Skin Contact:	May cause skin irritation.	
Eye Contact:	May cause eye irritation.	
Ingestion:	Not applicable	
Chronic Toxicity:	No information about product's chronic toxicity available.	

12. Ecological Information:

Bioaccumulation:	No information available.
Ecotoxicity Effects:	No information available.
Mobility:	No information available.

13. Disposal Considerations:

Disposal Instructions:	Disposal of waste and residues in accordance with local authority
	requirements.
Contaminated Packaging:	Since emptied containers may retain product residue, follow label
	warnings even after container is emptied.



Report No:	HA-12-00780	
Date:	Apr 25, 2012	
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Lab Location:	HONG KONG	

TEST SUMMARY:

14. Transport Information:

DOT Classification:	Not a DOT controlled material. ORM-D (United States)	
ADR/RID:	Not dangerous goods.	
IMDG:	Not dangerous goods.	
ICAO/IATA:	Not dangerous goods.	

15. Regulatory Information:

Labeling:	No data available.	No data available.		
Symbol(s):	No data available.	No data available.		
R-phrase(s):	No data available for th	e product.		
S-phrase(s):	No data available for th	No data available for the product.		
State Regulations:	This product does not c cause cancer, birth def	This product does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.		
US – Massachusetts RT	K – Substance:	Listed Substance		
US – New Jersey RTK – Substance:		Listed Substance		
US – Pennsylvania RTK	– Hazardous Substance:	Listed Substance		

Federal And State		TSCA 8(b) inventory: Listed	
Regulations:		<u> </u>	
Other Regulations:		Not available	
Other Classifications:			
WHMIS (Canada):	Not li	sted	
HMIS (U.S.A.):			
Health Hazard:	0		
Fire Hazard:	0		
Reactivity:	0		
Personal Protection:	E		
National Fire Protection	Assoc	iation (U.S.A.):	
Health Hazard:	0	(八百)	
Flammability:	0		
Reactivity:	0	PERSONAL PROTECTION E	
Specific Hazard:		PERSONAL PROTECTION E	



Report No:	HA-12-00780	
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Lab Location:	HONG KONG	

TEST SUMMARY:

16. Other Information

The recommendations and information contained in this MSDS have been compiled from sources believed to represent the most current information available when the MSDS was prepared. However, the manufacturer / distributor of this product dose not provide any warranty, guaranty of representation as to the correctness or sufficiency of this information. If this material is to be used in large amounts and/or an unusual manner, the user is obliged to determine what safety measures are appropriate, including the applicable and relevant workplace and environmental regulations pertaining to handling, use and disposal.

Abbreviations used in this MSDS

CERCLA : Comprehensive Environmental Response Compensation and Liability Act

CFR : Code of Federal Regulations

IARC : International Agency for Research on Cancer

NFPA : National Fire Protection Association

NPCA/HMIS : National Paint and Coatings Association's Hazardous Materials Information System

NTP : National Toxicology Program

OSHA : Occupational Safety and Health Administration RCRA : Resource Conservation and Recovery Act SARA : Superfund Amendments and Reauthorization Act

Disclaimer: This is information is provided without warranty. The information is believed to be correct.

This information should be used to make an independent determination of the methods to

safeguard workers and the environment.

****End of Test Report****

NOTE:

If there is question or concern regarding the above results, please contact us via email itang@mts-global.com or cwong@mts-global.com



SAFETY DATA SHEET

Page 1/2

According to NBR-14725

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:

Grip Black Lead Pencil.

Information of application and use:

Writing and eraser in general - paper.

Identification of the company:

A.W. Faber-Castell S.A.

Coronel José Augusto de Oliveira Salles street #1876

São Carlos - São Paulo

Brasil - http://www.faber-castell.com.br

Zip code:13570-820

Telephone: +55 16 2106-1207

• <u>Emergency telephone</u>: +55 16 2106-1218

2. COMPOSITION / INFORMATION ON INGREDIENTS

No.	CAS/CI#	weight (%)
Reforest wood	Not hazardous	40 - 65 %
Ceramic material	Not hazardous	8 - 26 %
Graphite	7782-42-5	16 - 34 %
Inert filler	Not hazardous	Max 5 %
Resins	9004-39-1	Max 5 %
Colorants (non toxic)	13463-67-7/ 6358-85-6/ 12370/ 15850:1/ 6358-30-/ 1328-53-6/ 77007/ 147-14-8/ 1333-86-4/ 74260/ 12385/ 12485/ 51319/ 74160/ 77266/ 77491/ 77499/ 77492/ 7429-90-5/ 1333-86-4	Max 10 %
Polyurethane Lacquer Dispersion	Non hazardous	1,0 - 3,0%
Plasticiser	77-90-7	Max 5 %
Additives	Not hazardous	Max 1 %

3. HAZARDS IDENTIFICATION

Non hazardous product and non toxic, in accordance with DIN EN-71/3, DIN EN-71/9, 16 CFR 1303, Directive 2005/84 EEC, ASTM F 963-07, ASTM D 4236 and Directive 2009/48 EEC.

4. FIRST-AID MEASURES

After inhalation: not applicable. After skin contact: not applicable. After eye contact: not applicable. After consumption: not applicable.

5. FIRE-FIGHTING MEASURES

Non flammable product.

Product is constituted by wood and leads that can burns under fire.

6. WASTE / ACCIDENTAL DISCHARGING MEASURES

Not applicable.



SAFETY DATA SHEET

Page

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According to NBR-14725

7. HANDLING AND STORAGE

Handling: no special cares are needed. Storage: no special cares are needed.

8. LIMITATION OF EXPOSURE / PERSONAL PROTECTION

Not applicable / No special cares are needed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling-point (°C): not applicable Melting point (°C): not applicable Decomposition temp (°C): not applicable Flash-point (°C): not applicable

Spontaneous ignition point (°C): not applicable Explosive limits (%): not applicable

Oxidizing properties: not applicable Steam pressure (mm Hg): not applicable Steam density (air = 1): not applicable Density (g/cm³): not applicable

Viscosity (Poise): not applicable Solubility in water: insoluble

10. STABILITY AND REACTIVITY

Stability: stable solid.

Reactivity in water: non reactive.

Decomposition products: as a wooden material can be generate CO, CO₂ and water.

11. TOXICOLOGICAL INFORMATION

Non toxic in accordance with DIN EN 71. Acute Oral Toxicity - not applicable. Acute Inhalation - not applicable. Acute Dermal Toxicity - not applicable.

12. ECOTOXICOLOGICAL INFORMATION

This product has no hazardous substances that affect the Ecosystem.

13. DISPOSAL CONSIDERATIONS

No special procedures are needed.

14. TRANSPORT INFORMATION

Not applicable.

15. REGULATORY INFORMATION

Product label: Grip Black Lead Pencil.

Hazard Class: Non-hazardous.

16. ADDITIONAL INFORMATION

Reason of issue: Grip Black Lead Pencil.

Prepared by: Merola, Eder D. J. - CREA-SP 5063045370

Lima, Rodrigo Barbosa - CRQ-SP 04261370