

67825-XXXX



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Date:	Apr 25, 2012
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Lab Location:	HONG KONG

**Faber-Castell
Test Report**

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

SAMPLE INFORMATION			
Sample Description:	Titi Beeswax Crayons		
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

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TEST SUMMARY:



REACTIVITY	0
PERSONAL PROTECTION	E

Material Safety Data Sheet

1. Product and Company Identification

Product:	Beeswax crayons
Version #:	Version #1
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
Talc	14807-96-6
Stearic Acid	57-11-4
White Mineral Oil	8042-47-5
Hydrogenated Palm Oil	68514-74-9
Paraffin Wax	8002-74-2
Bees Wax	8012-89-3
Pigment Red 48 Calcium Salt	7023-61-2

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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.

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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.
Hand Protection:	Wear appropriate protective gloves.
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
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 Reactions:	Hazardous chemical reaction does not occur.

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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.

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TEST SUMMARY:

14. Transport Information:

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

15. Regulatory Information:

Labeling:	No data available.
Symbol(s):	No data available.
R-phrase(s):	No data available for the product.
S-phrase(s):	No data available for the product.
State Regulations:	This product does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

US – Massachusetts RTK – Substance:	Listed Substance
US – New Jersey RTK – Substance:	Listed Substance
US – Pennsylvania RTK – Hazardous Substance:	Listed Substance

Federal And State Regulations:	TSCA 8(b) inventory: Listed
Other Regulations:	Not available
Other Classifications:	
WHMIS (Canada):	Not listed
HMIS (U.S.A.):	
Health Hazard:	0
Fire Hazard:	0
Reactivity:	0
Personal Protection:	E
National Fire Protection Association (U.S.A.):	
Health Hazard:	0
Flammability:	0
Reactivity:	0
Specific Hazard:	



HEALTH HAZARD	0
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	E

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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 does 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 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 ltang@mts-global.com or cwong@mts-global.com

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