



100 East Diamond Ave.
 Hazleton, Pennsylvania 18201-5241
 800-424-3596
 570-454-3596 • Fax: 570-459-1752

Material Safety Data Sheet

U.S. Department of Labor

May be used to comply with

OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Occupational Safety and Health Administration

(Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072

248363 / 321-355
 248364 / 321-356
 248365 / 321-357
 248366 / 321-358
248367 / 321-359
 248368 / 321-360

IDENTITY (As Used on Label and List) OIL PASTELS Includes 12 ct., 25 ct. 36 ct. and ct. Jumbo	24	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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Section I

Manufacturer's Name Lion Pencil Co. Ltd.	Emergency Telephone Number (02) 9631285-308
Address (Number, Street, City, State, and ZIP Code) No. 186, Sec. 1, Chung-Shan Rd. Pan Chiao, Taipei Hsien, Taiwan	Telephone Number for Information (02) 9631285-308
	Date Prepared May 28, 2004
	Signature of Preparer

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))

A-106 MgCO ₃	CAS# 546-93-0	3.85% - 8.15%
BL-23 CaCO ₃	CAS# 471-34-1	47.95 - 54.81%
Vaseline		1.61% - 1.83%
Spindle Oil M-12		19.18% - 21.92%
Hydrogenated tallow		8.31 - 9.95%
Stearic acid	CAS# 57-11-4	3.19 - 3.65%

Pigment (The percentage depends on the color.)

Section III - Physical/Chemical Characteristics

Boiling Point N.A.	Specific Gravity 1.5 (+-) 0.1
Vapor Pressure (mm Hg.) N/A	Melting Point 63 (+-) 2 deg C
Vapor Density (AIR = 1) N/A	(Butyl Acetate = 1)
Solubility in Water Not Soluble	
Appearance and Odor Odorless	

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N/D	Flammable Limits LEL UEL N.D.
Extinguishing Media Please use the	dry chemical extinguisher.
Special Fire Fighting Procedures	
Unusual Fire and Explosion Hazards	



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Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid
	Stable X	None
Incompatibility (Materials to Avoid)	N.D.	
Hazardous Decomposition or Byproducts	N.D.	
Hazardous Polymerization	I May Occur I Will Not Occur X	Conditions to Avoid None

Section VI - Health Hazard Data

Route(s) of Entry: Inhalation?	Skin? X	Ingestion? X
Health Hazards (Acute and Chronic)	N. D.	
(The Lion 36 oil pastels have passed the AP, conforms to ASTM D-4236)		
Carcinogenicity: NTP?	IARC Monographs?	
No information.	OSHA Regulated?	
Signs and Symptoms of Exposure	N. D.	
Medical Conditions	N. D.	
Generally Aggravated by Exposure	N. D.	

Emergency and First Aid Procedures

Eyes: Immediately flush with plenty of water.
Skin: Wash with soap water
Ingestion: See a doctor.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken In Case Material is Released or Spilled	Collect or shovelled carefully into containers for disposal.
Waste Disposal Method	Waste disposal should be in accordance with existing federal, state & local environmental regulations.
Precautions to Be taken in Handling and Storing	None
Other Precautions	None

Section VIII - Control Measures

	Not Required	Other	None Required
Respiratory Protection (Specify Type)	Not Required		
Ventilation	NO	Local Exhaust	Special
		Mechanical (General)	Other
Protective Gloves	None Required	Eye Protection	Not Required
Other Protective Clothing or Equipment	Not Required		
Work/Hygenic Practices	None		