



Lilly-Ram Chemical Company, LLC

# MATERIAL SAFETY DATA SHEET

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## 1. IDENTIFICATION OF CHEMICAL AGENT AND IDENTIFICATION OF THE MANUFACTURER

TRADE NAME:

**Plastilease Paste Wax Release 1000 Hi/Low Temp.....# PW1000**

USAGE: **Mold Release Product**

SUPPLIER: **Lilly-Ram Chemical Company  
P.O. Box 3337  
Ontario, CA. 91761-9998  
Telephone: 909-223-9699  
Emergency Telephone number: 800-535-5053 or 352-323-3500**

## 2. COMPOSITION AND INFORMATION ON INGREDIENTS

COMPONENTS	CAS#	% WEIGHT	OSHA PEL TWA	EINECS	CLASSIFICATION
Low odor base solvent	64742-47-8	35-55	5.0 mg/m3 200ppm	Listed	
Aromatic hydrocarbon*	64742-95-6	15-25	*	Listed	
Aliphatic hydrocarbon	8052-41-3	07-15	500ppm 100ppm	Listed	
Wax blend	8015-86-9	25-30			
* Components-		max %			
1,2,4,Trimethyl benzene	95-63-6	32.0	25 25		
Xylene	1330-20-7	2.2	100 100		
Cumene	98-82-8	1.5	50 50		

HEALTH: **1** FLAMMABILITY: **2** REACTIVITY: **0**

## 3. HAZARDS IDENTIFICATION

THE HEALTH EFFECTS NOTED BELOW ARE CONSISTENT WITH REQUIREMENT UNDER THE OSHA COMMUNICATION STANDARD (29 CFR 1910.1200)

Potential effects of health:

**INHALATION (BREATHING):** N/A because it is a Paste Product.

**EYE CONTACT:** Product is minimally irritating to the eyes.

**CONTACT OF THE SKIN:** Prolonged or repeated contact may result in de-fatting and drying of the skin.

**INGESTION:** Ingestion of product may result in vomiting; aspiration (breathing) of vomitus into the lungs must be avoided as even small quantities may result in aspiration pneumonitis.

**GENERAL ADVISE:** In case of accident or if you feel sick from exposure, seek medical attention immediately (Show the label to physician if possible).

#### 4. FIRST AID MEASURES

**EYE CONTACT:** Flush eyes with plenty of water for 15 minutes while holding eyelids open. Get medical Attention immediately.

**SKIN CONTACT:** Remove contaminated clothing and wipe excess form skin. Prolonged or repeated contact may result in de-fatting and dry of the skin. Wash with soap and water. If irritation occurs, get medical attention.

**INGESTION:** Do not induce vomiting or give anything by mouth. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. This material can enter the lungs and cause damage. If victim is drowsy or unconscious, place on left side with head down. Get medical attention.

**INHALATION:** N/A Paste Wax.

#### 5. FIRE FIGHTING MEASURES

**FLAMMABLE PROPERTIES:** Flash point: >98 °F Pensky - Master Closed Cup.

**FIRE AND EXPLOSION HAZARDS:** Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which could result in container rupture.

**FIRE FIGHTING PROCEDURES:** Do not enter confided fire space without full bunker gear, including positive NIOSH approved self-contained apparatus. Cool fire exposed container with water.

**EXTINGUISHING MEDIA:** Use water, fog, foam, dry chemical or CO2. Do not use a direct stream of water.

**FIRE FIGHTING EQUIPMENT:** Wear self-contained breathing apparatus. Wear full protective suit.

#### 6. ACCIDENTAL RELEASE MEASURES

**LAND SPILL:** Eliminate potential source of ignition. Recover all material possible.

**GREAT SPILLINGS:** Use same procedure as for land spills.

#### 7. HANDLING AND STORAGE

**HANDLING:** Wash hands after using. Avoid contact with eyes, skin and clothes. (See Section 8 additional information).

**STORAGE:** Keep containers closed when not in use. Material should be stored at temperatures between 40°F and 95 °F. Do not store with strong oxidizing agents. Avoid excessive heat.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**CONTROL MEASURES:** Follow commonsense, good house keeping procedures.

**RESPIRATOR PROTECTION:** Normally not required. Adequate ventilation recommended.

**EYE PROTECTION:** Normally not required.

**CLOTHING & EQUIPMENT:** Normally not required. Impermeable gloves can prevent skin irritation.

**OTHER PROTECTION:** Place eye bath and safety shower near work area.

## 9. PHYSICAL AND CHEMICAL CHARACTERISTICS

<b>ASPECT:</b> Paste Wax	<b>VAPOR DENSITY:</b> (Air= 1) 4.1
<b>PHYSICAL STATE:</b> Solid	<b>EVAPORATION RATE:</b> (Butyl N-Acetate =1) .13
<b>ODOR:</b> Hydrocarbon Odor	<b>BOILING POINT:</b> (Degree. F) 318-388 °F
<b>VAPOR PRESSURE:</b> ( MM HGP 5.3 @ 100 °F	<b>FLASH POINT:</b> > 98 ° F / 36.66 °C
<b>SPECIFIC GRAVITY:</b> (H2O=1) 0.779	<b>SOLUBILITY IN H2O:</b> Insoluble
<b>DENSITY (LBS/GL):</b> 6.25	<b>COLOR:</b> 1000P- Yellow
<b>VOC GRM/LT:</b> 356.06	

## 10. STABILITY AND REACTIVITY

**STABILITY:** Stable

**HAZARDOUS DEPOLIMERIAZATION:** Will not occur.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Avoid heat, sparks, flame and contact with strong oxidizing agents.

## 11. TOXICOLOGICAL INFORMATION

**COMPONENT:** Aliphatic Hydrocarbon: SKIN, Product on mouse skin twice a week for 12 months, resulted in an increased incident of skin tumors. Applied to the skin of female rats at 494,330 or 165 mg/kg daily for 7 consecutive weeks (pre-mating, mating and gestation) for 8 consecutive weeks in males did no result in systemic, reproductive, or developmental toxicity.

**COMPONENT:** Aromatic hydrocarbon: No Data

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL FATE:** Unknown.

**ENVIRONMENTAL CONSIDERATIONS:** Generally considered chemically inert in the environment. Used material which has become contaminated may have significantly different characteristics based on the contaminants and should be evaluated accordingly.

## 13. DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** Dispose of in accordance with local, state and federal regulations.

## 14. TRANSPORTATION INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (DOT) CLASSIFICATION: FLAMMABLE SOLIDS, **Not DOT regulated on trucks in containers of < 1 KG or 2.2 LBS.**

IMO/IMDG : LABEL (S) FOR CONVEYANCE:



### INTERNATIONAL REGULATION SEA (IMDG):

Proper shipping name: FLAMMABLE SOLID, ORGANIC, N.O.S.  
(Petroleum Distillates)  
UN No.: 1325  
Class: 4.1  
Packing Group: II  
Label: LIMITED QUANTITY

### AIR (ICAO/IATA)

Proper shipping name: FLAMMABLE SOLID, ORGANIC, N.O.S.  
(Petroleum Distillates)  
UN No.: 1325  
Class: 4.1  
Packing Group: II  
Label: LIMITED QUANTITY

### LAND (RID/ADR,RTMDT/RTMDF)

Proper shipping name: FLAMMABLE SOLID, ORGANIC, N.O.S.  
(Petroleum Distillates)  
UN No.: 1325  
Class: 4.1  
Packing Group: II  
Label: LIMITED QUANTITY

## 15. REGULATORY INFORMATION

### R-Phrases

**R-10** Flammable  
**R-21** Harmful in contact with skin  
**R-22** Toxic by Inhalation

## **S-Phrases**

- S-2** Keep out of the reach of children.
- S-3/7** Keep container tightly closed in a cool place
- S-7/8** Keep container tightly closed and dry.
- S-13** Keep away from food, drink and animal feeding stuffs.
- S-14** Keep away from ... (incompatible materials to be indicated by the manufacturer).
- S-15** Keep away from heat.
- S-24/25** Avoid contact with skin and eyes.
- S-26** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S-28** After contact with skin, wash immediately with plenty of ..(to be specified by the manufacturer).
- S-29/56** Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
- S-30** Never add water to this product.
- S-35** This material and its container must be disposed of in a safe way.
- S-37** Wear suitable gloves.
- S-41** In case of fire and/or explosion, do not breathe fumes.
- S-43** In case of fire, use ... (indicate in the space the precise type of fire-fighting equipment. If water increases the risk, add - Never use water).
- S-45** In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
- S-46** If swallowed, seek medical advice immediately and show this container or label.
- S-47/49** Keep only in the original container at temperature not exceeding 36.66 C° (to be specified by the manufacturer).
- S-58** To be disposed of as hazardous waste.
- S-60** This material and its container must be disposed of as hazardous waste.
- S-62** If swallowed do not induce vomiting: seek medical advice immediately and show this container or label.

## **16. ADDITIONAL INFORMATION.**

Revision of MSDS: September 12<sup>th</sup>, 2013

Prepared by: Umberto Garcia

### **DISCLAIMER:**

To the best of our knowledge, the information contained herein is true and accurate at the date of issuance, and is subject to change without prior notice. User must contact Lilly-Ram Chemical Company to verify correctness before specifying or ordering. Due to the unknown usage of our product, we assume no responsibility for coverage, performance, or injuries resulting from its use. Liability, if any, is limited to replacement of product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS EXPRESSED OR IMPLIED BY LILLY-RAM CHEMICAL CO. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**BE SAFE . . . READ OUR PRODUCT SAFETY INFORMATION . . . AND PASS IT ON!**