

33512-1006

**DOUGLAS and STURGESS, Inc.****SAFETY DATA SHEET****1. CHEMICAL AND COMPANY IDENTIFICATION****Product Identifier:** POSMOULAGE**General Use:** Casting Wax**Company:** Douglas and Sturgess, inc.  
1023 Factory Street, Richmond, Ca, 94801**Phone Number:** 510-235-8411**Emergency Phone:** CHEMTREC 1-(800)-424-9300**2. HAZARDS IDENTIFICATION****HAZARD CLASSIFICATION:** NON HAZARDOUS**LABEL ELEMENTS:****GHS Hazard Phrases:** No phrases apply.**GHS Precaution Phrases:** P501 - This material is a solid at room temperature exhibiting elevated temperature softening characteristics. Above its softening point, the material liquefies and flows more readily as the temperature increases. The material is used as a hot liquid for application purposes and requires caution in handling. At elevated temperatures well above the softening point and in contact with air, the generation of hydrocarbon vapors including possible oxidized products may be expected.**GHS Response Phrases:** No phrases apply.**GHS Storage and Disposal Phrases:** No phrases apply.**OSHA Regulatory Status:** This material is classified as not hazardous under OSHA regulations.**Potential Health Effects (Acute and Chronic):** Chronic: Prolonged or repeated skin contact may cause dermatitis.**Inhalation:** Inhalation of a mist of this material may cause respiratory tract irritation.**Skin Contact:** Contact with heated material can cause skin burns and irritation.**Eye Contact:** Vapors may cause eye irritation. Exposure to hot product may cause thermal burns.**Ingestion:** If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid.**3. COMPOSITION / INFORMATION ON INGREDIENTS****SUBSTANCE/MIXTURE:** Mixture

CAS No.	Chemical Name	Weight-%	Trade Secret
8002-74-2	Paraffin and Hydrocarbon Waxes	< 75%	*
NA	Hydrocarbon Resins	< 27 %	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret

There are no additional ingredients present that, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

**4. FIRST AID MEASURES****GENERAL INFORMATION:** Get medical attention if irritation or other symptoms occur. Remove contaminated shoes and clothing before seeking medical attention.**INHALATION:** Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.**SKIN CONTACT:** Get medical aid if irritation develops or persists. Flush skin with plenty of soap and water.**Note to Physician:** Treat symptomatically and supportively.**5. FIRE-FIGHTING MEASURES****EXTINGUISHING MEDIA:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray, dry chemical, carbon dioxide, or chemical foam.**UNUSUAL FIRE & EXPLOSION HAZARDS:** No data available.**HAZARDOUS COMBUSTION PRODUCTS:** No data available.**SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS FOR FIREFIGHTERS:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.**6. ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:** Use proper personal protective equipment as indicated in Section 8.**CONTAINMENT:** Prevent further leakage or spillage if safe to do so. Dike far ahead of spill; use dry sand to contain the flow of material.**METHODS FOR CLEAN UP:** Scrape up or cover with an inert absorbent material and collect into an appropriate container for disposal. Clean any slippery surface using a detergent/soap solution or another biodegradable cleaner.**7. HANDLING AND STORAGE****HANDLING:** Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.**STORAGE:** Keep away from heat and flame. Store at 15°-30°C. Do not store above 35°C. Prolonged exposure to high temperatures may cause clumping. If clumping does occur, simply strike the bag to loosen material.**8. EXPOSURE CONTROL / PERSONAL PROTECTION**

CAS #	Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
NA	Hydrocarbon Resins	No data.	No data.	No data.
8002-74-2	Paraffin and Hydrocarbon Waxes	No data.	TLV: 2 mg/m3	No data.

**Personal Protection Equipment (PPE)****RESPIRATORY PROTECTION:** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.**HAND PROTECTION:** Wear heat resistant gloves, apron, and/or clothing for the handling of molten materials.**EYE PROTECTION:** Wear safety glasses and chemical goggles if handling molten material.**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Wear heat resistant gloves, apron, and/or clothing for the handling of molten materials.**ENGINEERING CONTROLS (VENTILATION etc):** Good general ventilation should be sufficient to control airborne levels. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.**9. PHYSICAL AND CHEMICAL PROPERTIES****Physical States:** [ ] Gas [ ] Liquid [ X ] Solid**Appearance:** Solid Yellow Wax**Odor:** Waxy**Odor Threshold:** No data available**pH:** NA**Melting Point:** 55 C (131 °F)**Freezing Point:** No data available**Boiling Point:** 370 C (698 °F)**Flash Point:** 232 C (449.6 °F)

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## SAFETY DATA SHEET

<b>Evaporation Rate:</b>	0.01 (butyl)
<b>Flammability Limits:</b>	No data available
<b>Flammability Limit—Upper (% by Volume):</b>	No data available
<b>Flammability Limit—Lower (% by Volume):</b>	No data available
<b>Vapor Pressure:</b>	No data available
<b>Vapor Density:</b>	No data available
<b>Relative Density:</b>	No data available
<b>Specific Gravity (Water = 1):</b>	1.03
<b>Solubility in Water:</b>	< 1%
<b>Solubility in Solvent:</b>	No data available
<b>Partition Coefficient: n-octanol/water:</b>	No data available
<b>Auto-ignition Temperature:</b>	No data available
<b>Decomposition Temperature:</b>	No data available
<b>Viscosity:</b>	No data available

**10. STABILITY AND REACTIVITY**

**CHEMICAL STABILITY:** Stable under recommended storage conditions.  
**REACTIVITY:** No data available.  
**POSSIBILITY OF HAZARDOUS REACTION:** None under normal processing.  
**CONDITIONS TO AVOID:** Incompatible Materials.  
**INCOMPATIBLE MATERIALS:** Strong Oxidizers.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Monoxide.

**11. TOXICOLOGICAL INFORMATION**

**TOXICOLOGICAL INFORMATION:** Epidemiology: No information found. Teratogenicity: No information available. Reproductive Effects: Mutagenicity: Neurotoxicity:  
**CARCINOGENICITY/OTHER INFORMATION:** CAS# 8002-74-2: Not listed by ACGIH, IARC, NTP, or CA Prop 65.  
**CARCINOGENICITY:** NTP? Unknown IARC Monographs? Unknown OSHA Regulated? No

CAS #	Chemical Name	NTP	IARC	ACGIH	OSHA
NA	Hydrocarbon Resins	n.a.	n.a.	n.a.	n.a.
8002-74-2	Paraffin and Hydrocarbon Waxes	n.a.	n.a.	n.a.	n.a.

**12. ECOLOGICAL INFORMATION**

No Data Available.

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Method:**  
 Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.  
 RCRA P-Series: None listed.  
 RCRA U-Series: None listed.

**14. TRANSPORT INFORMATION**

Not regulated for transport in any mode.

**15. REGULATORY INFORMATION**

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Chemical Name	S. 302 (EHS)	S.304 RQ	S. 313 (TRI)

NA	Hydrocarbon Resins	No	No	No
8002-74-2	Paraffin and Hydrocarbon Waxes	No	No	No

**This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:**

Yes  No Acute (immediate) Health Hazard  
 Yes  No Chronic (delayed) Health Hazard  
 Yes  No Fire Hazard  
 Yes  No Sudden Release of Pressure Hazard  
 Yes  No Reactive Hazard

CAS #	Chemical Name	Other US EPA or State Lists
NA	Hydrocarbon Resins	TSCA: Yes - Inventory CA PROP.65: No CA TAC, Title 8: No MA Oil/HazMat: No NJ EHS: No NY Part 597: No PA HSL: No
8002-74-2	Paraffin and Hydrocarbon Waxes	TSCA: Yes - Inventory CA PROP.65: No CA TAC, Title 8: Title 8 MA Oil/HazMat: No NJ EHS: Yes - 3414 NY Part 597: No PA HSL: Yes - 1

CAS #	Chemical Name	International Regulatory Lists
NA	Hydrocarbon Resins	Canadian NDSL: No Japan ENCS: Yes Japan ISHL: No Korea ECL: Yes Taiwan TCSCA: Yes Germany WHCS: No REACH: Yes - (P)
8002-74-2	Paraffin and Hydrocarbon Waxes	Canadian NDSL: No Japan ENCS: Yes - (8)-414 Japan ISHL: No Korea ECL: Yes - KE-27782 Taiwan TCSCA: Yes Germany WHCS: Yes - 268 REACH: Yes - (R), (P)

**16. OTHER INFORMATION****NFPA:**

Health Hazards: 1  
 Flammability: 1  
 Instability: 0  
 Physical and Chemical Properties -

**HMIS:**

Health hazards: 1  
 Flammability: 1  
 Physical hazards: 0  
 Personal protection: X

**Training Advice:** Train personnel using this product in proper chemical handling, engineering controls and protective equipment.

**DOUGLAS and STURGESS, Inc.****SAFETY DATA SHEET**

**Recommended Uses and Restrictions:** This product is intended for industrial/professional use only.

**Disclaimer:** This data is offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**Date Prepared/Revised:** July 23<sup>rd</sup>, 2018