

\*\*\* MATERIAL SAFETY DATA SHEET \*\*\*  
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**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Emergency Telephone Number 785-862-2205

**COMPANY:**

Brackett, Inc.  
P.O. Box 19306  
451 J Street  
Topeka, KS 66619  
Telephone: 785-862-2205 / Fax: 785-862-1127

**PRODUCT:**

Product Name: ..... **Master Purge**  
  
Description ..... **Hot Melt Purge Compound**  
  
Product Number ..... **108503 (bulk) and 551503 (9Lbs.)**

**2. HAZARDOUS INGREDIENTS**

COMPONENT: Paraffin Wax / CAS NUMBER: 8002.74.2 / CONCENTRATION RANGES (%): >1

**3. HAZARDOUS IDENTIFICATION**

**EYE:** As supplied: irritant as a foreign body. As used: severe thermal hazard.

**SKIN CONTACT:** Exposure to hot material may cause thermal burns.

**INHALATION:** Overexposure to paraffin wax fumes may be irritating to respiratory passages and cause other effects such as eye irritation and nausea. Care should be taken not to exceed the established TLV.

**INGESTION:** Low order of toxicity.

**4. FIRST-AID MEASURES**

**EYE:** If hot: flush with cool water. Treat as wax or resin burn. Do not attempt to remove solidified purge compound. Get medical attention immediately. As supplied: remove as a foreign body.

**SKIN CONTACT:** If hot: flush with cool water. Treat as a wax or resin burn. Do no attempt to remove solidified purge compound. Get medical attention immediately. As supplied: Non-Hazardous.

**INHALATION:** Remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Get medical attention.

**INGESTION:** If swallowed, induce vomiting only if victim is alert. Get prompt medical attention. Do not attempt to give anything by mouth to a drowsy or unconscious person.

**5. FIRE FIGHTING MEASURES**

Autoignition ..... Unknown  
Flash Point ..... Greater than 470°F  
Extinguish Media ..... CO2; dry chemical  
Special Fire Fighting Procedures ..... No special procedures are required  
Fire and Explosion Hazards ..... N / A  
Fire and Explosion Limit (%) ..... N / A  
Upper Explosion Limit (%) ..... N / A  
Lower Explosion Limit (%) ..... N / A  
NFPA Flammability Hazard Class ..... 0 = Insignificant

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**6. ACCIDENTAL RELEASE MEASURES**

**Spill and Leak Procedures:** Allow to cool and solidify. Scrape up and collect in suitable containers for disposal.

For safety and environmental precautions, please review entire Material Safety Data Sheet for necessary information.

**7. HANDLING AND STORAGE**

Storage Temperature ..... 0-100°F

Handling / Storage ..... Store in a cool dry area. Precaution: this product should only be heated to recommended temperatures. Hazards of pyrolysis products emitted are unknown and may be hazardous to health.

Ventilation Requirements ..... General; Local

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Ventilation Requirements ..... General; Local

Eye Protection Requirements ..... Safety glasses, goggles or face shield to protect against splashing.

Glove Requirements ..... Thermally resistant gloves should be worn.

Clothing Requirements ..... To avoid burns, use long-sleeved, long legged clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Pure Substance or Mixture ..... Mixture

Physical Form ..... Solid

Appearance / Odor ..... White and tan mixture, negligible odor

Odor Threshold ..... N / A

PH as is ..... N / A

Boiling Point ..... >70°F

Melting / Freezing Point ..... approx. 210°F

Solubility in water ..... Insoluble

Specific Gravity ..... .96

Bulk Density ..... 8.0 lb / gallon

Evaporation Rate ..... Nil

Vapor Pressure ..... Nil (20°C)

Vapor Density ..... Nil

Volatiles ..... Nil

Volatile Organic Compounds ..... Nil

Autoignition ..... Unknown

Flash Point ..... >470°F (Cleveland Open Cup)

Oxidizing Properties ..... Not Applicable

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**10. STABILITY AND REACTIVITY**

Stability ..... Stable  
Materials to Avoid ..... Water when molten  
NFPA Reactivity Hazard Class ..... 0=Insignificant  
Hazardous Decomposition ..... Carbon monoxide, carbon dioxide, unknown hydrocarbons

**11. TOXICOLOGICAL INFORMATION**

**Chronic (Long term) Effects of Exposure**

Route of Entry ..... Skin contact, Eye contact  
Effects of Chronic Exposure ..... No known chronic effects or exposure when product is as supplied. Effects of long term inhalation are not known.  
Target Organs ..... Eyes, Skin, Respiratory system  
Special Health Effects ..... None known

**Toxicology Information**

Raw Material Name ..... Paraffin Wax  
Notes on Oral Toxicity ..... No hazard in normal industrial use.  
Notes on Dermal Toxicity ..... Exposure to hot thermal material may cause thermal burns.  
Notes on Inhalation Toxicity ..... Overexposure to paraffin wax fumes may be irritating to respiratory passages and cause other effects such as eye irritation and nausea. Care should taken not to exceed the established TLV.  
Notes on Eye Irritation ..... As supplied: irritant as a foreign body. As used: sever thermal hazard.

**12. ECOLOGICAL INFORMATION**

Not available

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Methods:** Incineration in accordance with applicable regulations is the recommended disposal method. Land filling in a permitted solid or hazardous waste facility, meeting technical regulatory requirements, is a suitable alternative.

**14. TRANSPORTATION INFORMATION**

DOT Information ..... N / A

**United Nations Information**

U.N. Number ..... None  
U.N. Class ..... None

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**15. REGULATORY INFORMATION**

TSCA ..... All components are on the TSCA inventory  
SARA / Title III ..... This product contains no substances at or above the reporting threshold  
under Section 313, based on data.

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