

MATERIAL SAFETY DATA SHEET

VPS TRAY ADHESIVE

1 - IDENTIFICATION

Distributor: Kerr Corporation
Address: 1717 West Collins Avenue
City, State, Zip: Orange, CA 92867-5422
Telephone: 1-800-KERR-123
Emergency: Chemtrec 1-800-424-9300
Date Prepared: August 2012

2 - COMPOSITION INFORMATION

Hazardous Ingredients

	<u>CAS #</u>	<u>PEL</u>	<u>TLV</u>	<u>%</u>
Toluene	108-88-3	100 ppm	100 ppm	40
Petroleum benzene	8030-30-6	400 mg/m ³	100 ppm	30

Other Ingredients

Silicon Resin

3 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 111°C **Melting Point:** NE
Specific Gravity (H₂O = 1): NE **Evaporation Rate:** NE
Vapor Pressure (mm Hg): NE
Vapor Density (AIR = 1): NE
Solubility in Water: None
Appearance and Odor: Blue liquid with Benzene-like odor.

4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 73.4 °F / 23°C
Flammable Limits: LEL: NE
Extinguishing Media: Carbon dioxide or dry chemical, foam, steam
Special Fire Fighting Procedures: Wear self contained breathing apparatus.
Unusual Fire and Explosion Hazards: Vapors are heavier than air, can travel distances along the ground and flashback at the source.

5 - REACTIVITY DATA

Stability: Stable
Conditions to Avoid: Avoid high heat and ignition sources.
Incompatibility (Material to Avoid): Strong Oxidizing agents
Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide
Hazardous Polymerization: Will not occur

6 - HEALTH HAZARD DATA

Routes of Entry:
Skin: May cause dermatitis after prolonged contact. May be harmful if absorbed through skin.
Eyes: Liquid contact may cause irritation.
Inhalation: May cause irritation of nose and throat, headache and nausea. CNS depression.
Ingestion: May cause nausea, vomiting, dizziness and stomach irritation.
Carcinogenicity No **NTP:** No
IARC Monographs: No **OSHA Regulated Carcinogen:** No

7 - EMERGENCY FIRST AID PROCEDURES

Skin: Wash with soap and water. Seek medical attention if irritation persist.
Eyes: Flush with water for 15 minutes. Contact physician.
Inhalation: Remove to fresh air. If irritation persists, contact physician.
Ingestion: Do not induce vomiting. If conscious, give two glasses of water and contact a physician.

8 - PRECAUTIONS FOR SAFE HANDLING & USE

Steps to be taken in case material is released or spilled: Eliminate ignition sources. Cover spill with non-flammable absorbent. Scoop up and place in an appropriate container for disposal. Do not allow liquid to enter drains.
Waste disposal method: Dispose of in accordance with all federal, state and local regulations.
Precautions to be taken in handling and storing: Keep container closed. Use and store in a well ventilated area away from direct sunlight, heat, sparks and open flames.
Other precautions: Use according to directions.

9 - CONTROL MEASURES

Respiratory Protection: Use in a well ventilated area.
VENTILATION:
Local Exhaust: Reduce exposure in accordance with safe hygiene practices. If exposure limits are exceeded, use approved respirator.
Mechanical (General): Should be sufficient
Protective Gloves: Use rubber/vinyl gloves
Eye Protection: Face Shield or Goggles.
Other Protective Clothing or Equipment: Eye wash recommended.
Work/Hygiene Practices: Handle in accordance with good personal hygiene and safety practices. These practices include avoiding unnecessary exposure.

10 - TRANSPORTATION INFORMATION

Regulated: DOT, IATA, IMO
Proper Shipping Name: Flammable liquids, n.o.s. (Toluene Solution)
Hazard Class: 3
Identification Number: UN1993
Packing Group: II
Label Requirement: Flammable Liquid

11 - SPECIAL INFORMATION

HMIS (Hazardous Material Identification System) Rating:
H2 F4 R0

[HMIS Index: 4 - Severe Hazard; 3 - Serious Hazard;
2 - Moderate Hazard; 1 - Slight Hazard; 0 - Minimum Hazard]

State RTK: California Proposition 65 WARNING: This product contains measurable amounts of Toluene, a chemical known to the State of California to cause birth defects and other reproductive harm.

Note: This MSDS was prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200) and is to be used only for this product. The information in this MSDS is, to the best of our knowledge, believed to be accurate.