

ITW Permatex
 Versachem Brand
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Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: VERSACHEM MAGNUM STEEL EPOXY STICK 2 OZ.
Product Type: Epoxy

This product appears in the following stock number(s):
 44029

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH; TLV-TWA	OSHA PEL
LIMESTONE 1317-65-3	30-60	Not listed	15 mg/m ³
TALC 14807-96-6	30-60	2 mg/m ³	20 mppcf
BISPHENOL-A- (EPICHLOROHYDRIN) POLYMER 41638-13-5	10-30	Not listed	Not listed
SILICA, QUARTZ 14808-60-7	0.1-1.0	0.025 mg/m ³	Not listed

3. HAZARDS IDENTIFICATION

Toxicity: Risk of damage to the lungs (by inhalation). May be harmful if swallowed. May cause severe eye irritation. May cause skin sensitization.
Primary Routes of Entry: Eye and skin contact, ingestion, inhalation.
Signs and Symptoms of Exposure: Eyes: Exposure to liquid or vapor causes mild eye irritation. Symptoms may include burning, tearing, redness, stinging, blurred vision and corneal injury. Inhalation of vapours is irritating to the respiratory system, may cause throat pain and cough. Repeated skin contact may cause allergic skin reactions.

Component	Weight%	NTP	ACGIH Carcinogens	IARC Carcinogen
TALC 14807-96-6	30-60	male rat-some evidence, female rat-clear evidence, male mice-no evidence, female mice-no evidence	A4- Not classifiable as a human carcinogen	Group 3 Supplement 7, 1987 Monograph 42, 1987
SILICA, QUARTZ 14808-60-7	0.1-1.0		A2 - Suspected Human Carcinogen	Group 1; Monograph 68, 1997

Aggravated Medical Condition: Preexisting eye, skin and respiratory disorders may be aggravated by overexposure to this product.

4. FIRST AID MEASURES

Ingestion: If swallowed, do not induce vomiting - seek medical advice. Never give anything by mouth to an unconscious person.
Inhalation: Move to fresh air in case of accidental inhalation of vapours. If symptoms persist, call a physician.
Skin Contact: Wash off with soap and water. If skin irritation persists, call a physician. Wash contaminated clothing before re-use.
Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Flash Point °F(C°): >200 F PMCC
Recommended Extinguishing Media: Carbon Dioxide, Dry Chemicals, Foam.
Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus and protective clothing to prevent all skin and eye contact
Hazardous Products of Combustion: Oxides of carbon, Oxides of nitrogen
Unusual Fire/Explosion Hazards: None.

5. FIRE FIGHTING MEASURES

Lower Explosive Limit: Not determined.
Upper Explosive Limit: Not determined.

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Maintain good ventilation. Scrape up and place in an appropriate waste container for disposal. Wear appropriate protective and respiratory equipment.

7. HANDLING AND STORAGE

Storage: Store in a cool, dry area.
Handling: Use in a well ventilated area to prevent irritation by vapors. Avoid contact with skin and eyes. Wash hands before eating and smoking. Discard contaminated leather gloves and shoes. Product may cause surfaces to become slippery.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses
Skin: Neoprene or nitrile gloves recommended.
Ventilation: Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.
Respiratory Protection: An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Black putty
Odor: Slight
Boiling Point: Not determined
Solubility in Water: Negligible
pH: Not applicable
Specific Gravity: 2.8
VOC(Wt.%): 0
Vapor Pressure: Not Determined
Vapor Density (Air=1): >1
Evaporation Rate: <1 (butyl acetate = 1)

10. STABILITY AND REACTIVITY

Chemical Stability: Stable at normal conditions
Hazardous Polymerization: Will not occur
Incompatibilities: Acids, Fluorine
Conditions to Avoid: Heat
Hazardous Products of Combustion: Oxides of carbon, Oxides of nitrogen

11. TOXICOLOGICAL INFORMATION

See Section 3

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal: Disposal should be made in accordance with federal, state and local regulations
US EPA Waste Number: NH - Not a RCRA Hazardous Waste Material

14. TRANSPORTATION INFORMATION

DOT (49CFR 172)

U.S. Department of Transportation - DOT - 49 CFR (Ground)

DOT Shipping Name: Not regulated
Hazard Class: None
UN/ID Number: None

IATA (Air)

Proper Shipping Name: Not regulated
Class or Division: None

14. TRANSPORTATION INFORMATION

UN/ID Number: None

IMDG (Vessel)

Proper Shipping Name: Not regulated

Hazard Class: None

UN Number: None

Marine Pollutant: None

15. REGULATORY INFORMATION

SARA 313 Chemicals: The following component(s) is listed as a SARA Section 313 Toxic Chemical.

None

California Proposition 65: WARNING: This product contains a chemical known to the State of California to cause cancer.

TSCA Inventory Status: All components of this product are listed (or exempt) on the EPA TSCA inventory.

16. OTHER INFORMATION

Estimated NFPA Rating: HEALTH 2, FLAMMABILITY 1, REACTIVITY 0

Estimated HMIS Classification: HEALTH 2, FLAMMABILITY 1, PHYSICAL HAZARD 0

(NFPA is a registered trademark of the National Fire Protection Association)

(HMIS is a registered trademark of the National Paint and Coatings Association)

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Revision Date: April 12, 2013

Company: ITW Permatex 10 Columbus Blvd. Hartford, CT USA 06106

Revision Number: 8

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