

ITW Permatex
 Versachem Brand
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Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: VERSACHEM SUPER YELLOW WEATHERSTRIP ADHESIVE
Product Type: Adhesive

This product appears in the following stock number(s):
80050VC

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH; TLV-TWA	OSHA PEL
TOLUENE 108-88-3	25-35	20 ppm	200 ppm
ACETONE 67-64-1	20-40	500 ppm	1000 ppm; 2400 mg/m ³
SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPH. 64742-89-8	10-30	Not listed	Not listed
CYCLOHEXANONE 108-94-1	<5	20 ppm	50 ppm; 200 mg/m ³

3. HAZARDS IDENTIFICATION

Toxicity: This material is irritating to skin, eyes and respiratory tract. May be harmful if swallowed. High concentrations may cause central nervous system (CNS) depression. Long term exposure to high concentrations of vapor may cause lung, liver or kidney damage. Intentional misuse by concentrating and inhaling the vapor may be harmful or fatal.

Primary Routes of Entry: Eye and skin contact, ingestion, inhalation

Signs and Symptoms of Exposure: Overexposure may cause eye and skin redness. May cause pain, redness or swelling of the eyes and excessive blinking and tear production. Ingestion may cause nausea and vomiting. Excessive overexposure may cause giddiness, dizziness, headache, nausea and in extreme cases, unconsciousness and respiratory depression.

Component	Weight%	NTP	ACGIH Carcinogens	IARC Carcinogen
TOLUENE 108-88-3	25-35	male rat-no evidence; female rat-no evidence; male mice- no, female mice-no	A4 - Not Classifiable as a Human Carcinogen	Group 3; Monograph 71, 1999; Monograph 47, 1989
ACETONE 67-64-1	20-40		A4 - Not Classifiable as a Human Carcinogen	
CYCLOHEXANONE 108-94-1	<5		A3 - Confirmed animal carcinogen with unknown relevance to humans	Group 3 Monograph 71, 1999; Monograph 47, 1989

Aggravated Medical Condition: Toluene: Eye, liver, skin, respiratory and central nervous system disorders, alcoholism.

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person

Inhalation: Move to fresh air in case of accidental inhalation of vapours. Oxygen or artificial respiration if needed. If symptoms persist, call a physician.

Skin Contact: Remove contaminated clothing and launder before reuse. Wash with soap and water. If skin irritation persists, call a physician.

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°):	-4°F (-20°C)
Recommended Extinguishing Media:	Carbon dioxide, Dry chemical, 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
Unusual Fire/Explosion Hazards:	Danger! This product is extremely flammable. May cause flash fire. Exposure to temperatures over 120 degrees F. may cause bursting or venting.
Lower Explosive Limit:	1.1
Upper Explosive Limit:	12.8

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures:	Eliminate all sources of ignition. Wear appropriate protective and respiratory equipment. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.
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7. HANDLING AND STORAGE

Storage:	Store away from heat, sparks or open flame. Do not store at temperatures above 100°F (38°C). Keep container tightly closed.
Handling:	Danger: Extremely flammable. Do not use near heat, sparks or open flame. Avoid contact with skin and eyes. Do not inhale vapors. Keep containers tightly closed when not in use. Wash hands before eating and smoking.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes:	Safety glasses
Skin:	Neoprene or nitrile gloves recommended
Ventilation:	General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product
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:	Yellow liquid
Odor:	Solvent
Boiling Point:	132°F (55°C)
pH:	Not applicable
Solubility in Water:	Slight
Specific Gravity:	0.65
VOC(Wt.%):	3.58 lg/gal
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:	Strong oxidizers, Strong bases, Acids, Amines
Conditions to Avoid:	Keep away from heat, sparks and open flame. - No smoking.
Hazardous Products of Combustion:	Oxides of carbon

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:	D001 as per 40CFR 261.21

14. TRANSPORTATION INFORMATION

DOT (49CFR 172)

14. TRANSPORTATION INFORMATION

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

DOT Shipping Name: Adhesives, Limited Quantity
Hazard Class: Class 3, PG II
UN/ID Number: UN 1133

IATA (Air)

Proper Shipping Name: Consumer Commodity
Class or Division: Class 9
UN/ID Number: ID 8000

IMDG (Vessel)

Proper Shipping Name: Adhesives, Limited Quantity
Hazard Class: Class 3, PG II
UN Number: UN 1133

15. REGULATORY INFORMATION

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

Toluene

California Proposition 65: WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm

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 3, REACTIVITY 0
Estimated HMIS Classification: HEALTH 2, FLAMMABILITY 3, 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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