

Specifications: **Extra-Man Mastic Remover**  
5 gallon Pail and 55 Gallon Drum

Appearance:	Clear
Odor:	Mild Solvent
Boiling Point:	>310
Vapor Density:	Heavier than Air
pH:	Neutral
Flash Point:	141F (TCC)
DOT Shipping Class:	55
Shipping Weight:	5 gal. pail 35 lbs. 55 gal. drum 386 lbs.
Specific Gravity:	.818
Solubility:	Water emulsifiable
Coverage Rate:	Up to 225 sq. ft. per gallon
Reactivity:	Stable
HMIS Rating:	1-2-0
Shelf Life:	None
DOT Shipping Name:	Not DOT Regulated On containers less than 120 gallons



Extra-Man is a low odor mastic remover and a superior performer when it comes to removing all types of mastic. It contains a complex surfactant system, which allows for low surface tensions, making this formulation the most rinsable and residue free mastic remover on the market today.

**Directions:**

1. Read and understand material safety data sheet when using this product.
2. Cover and dike walls, woodwork, drains and cracks.
3. Apply Extra-Man Mastic Remover over all black mastic and adhesives. This may be done manually or with garden sprayer to 5' x 5' square areas.
4. Use a stiff bristled broom to agitate over the area. More than one application may be necessary.
5. Allow as little time as necessary to let Extra-Man Mastic Remover penetrate and soften adhesive.
6. After the mastic is dissolved, use a squeegee to clean up liquefied mastic and dispose of properly. The use of absorbents may aid in this process.
7. Aggressively clean surface with water and **Pronto Extra Wetter** wetting agent detergent for best results.

**Twin-Chemicals**  
**Atlanta, Georgia**

**(800) 442-4958**  
**(770) 924-6147 fax**

**www.twin-chemicals.com**



**TWIN CHEMICALS, INC.**

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MATERIAL SAFETY DATA SHEET  
EXTRA-MAN

Product Name: **EXTRA-MAN**  
Manufactured for: TWIN - CHEM, INC.  
6175 Hickory Flat Hwy. Suite 110-344  
Canton, GA 30115  
  
Information Phone: (800) 442-4958  
Emergency Phone: (800) 552-3787  
Prepared by: CLIFFORD CANTRELL  
Date Prepared: MARCH 7, 2009

**Hazardous Components & Hazard Classifications**

Hydrocarbon mixture cas# 64742-47-8 combustible liquid  
Propanol, (2-methoxymethylethoxy) cas# 34590-94-8 combustible liquid  
d-limonene cas# 5989-27-5 combustible liquid

NFPA Hazard Rating: Health-1 Fire-2 Reactivity-0 Personal Protection-B

**Physical Data**

Boiling Point > 310 F Specific Gravity (water=1) 0.818  
Vapor Pressure < 4 Melting Point < - 10 F  
Vapor Density (air=1) > 1 Evaporation Rate (water=1) < 1.0  
Solubility in Water: Emulsifiable  
Appearance & Odor: Clear liquid with mild solvent odor

**Fire & Explosion Data**

Flash Point: > 141 F (TCC) Flammable Limits: ND  
Extinguishing Media: Water fog, CO2, dry chemical, halon  
Special Fire Fighting Procedures: Wear full protective clothing and self-contained breathing apparatus.  
Unusual Fire & Explosion Hazards: Empty and partially filled drums may explode when exposed to fire conditions.

**Reactivity Data**

Stability: Stable  
Incompatibility (materials to avoid): Do not mix with other chemicals.  
Hazardous Decomposition or Byproducts: Heat, various unidentified organic compounds.  
Hazardous Polymerization: Will not occur.

**Health Hazard Data**

Route(s) of Entry: Inhalation?  Skin?  Eyes?  Ingestion?   
Health Hazards (Acute & Chronic) none known  
Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No  
Signs & Symptoms of Exposure:

Inhalation: Prolonged or repeated exposure may result in irritation of respiratory system with possible difficulty in breathing.

Ingestion: Small amounts may cause extreme gastric pain, diarrhea, and vomiting.

Skin Contact: Prolonged contact may cause irritation to sensitive individuals.

Eye Contact: Contact may cause irritation.

Medical Conditions Generally Aggravated by Exposure: Unknown

MATERIAL SAFETY DATA SHEET  
EXTRA-MAN

**Emergency & First Aid Procedures:**

Ingestion: Do not induce vomiting. Get medical attention immediately.

Inhalation: Move victim to fresh air. If necessary, support breathing. If breathing does not return to normal within a few minutes, get medical attention.

Eye Contact: Immediately flush with clean water for 20-30 minutes. Obtain emergency medical attention.

Skin Contact: Wash with soap & water. If irritation persists, get medical attention.

**Exposure Limits**

	OSHA	ACGIH	MAX%
	PEL	TLV	
Hydrocarbon Mixture Cas# 64742-47-8	525 mg/m <sup>3</sup>	525 mg/m <sup>3</sup>	< 80
Propanol, (2-methoxymethylethoxy) Cas# 34590-94-8	100 ppm (skin)	100 ppm	< 20
D-limonene Cas# 5989-27-5	NE	NE	< 10

Note: DOES NOT CONTAIN ANY SARA Title III, Section 313 material

**Precautions for Safe Handling, Spill and Disposal**

- Spills:
- \* Extinguish all sources of ignition
  - \* Dike area and absorb on an inert absorbent (sand, vermiculite, clay)
  - \* Place in chemical container for disposal

Waste disposal: Uncontaminated product does not meet RCRA definition of hazardous (flammable) waste.  
Check local regulations before disposal.

Handling & Storing: Keep container tightly closed when not in use. Warning! Emptied container retains product residue and vapors. Observe all precautions even after container is emptied. Washing will not make container safe for food or cosmetic storage.

**D.O.T. Shipping Name: (49 CFR 172.101)**

Combustible Liquid, N.O.S. (contains hydrocarbon mixture), Combustible Liquid, NA 1993, PG III

**Special Protection & Control Measures**

Respiratory Protection: When used in enclosed areas use, respirator with organic vapor cartridge CCR-OV.

Ventilation: Mechanical when used in enclosed areas.

Protective Gloves: Rubber or Neoprene

Eye Protection: Chemical Goggles

**Reporting Requirements**

SARA TITLE III	Reporting Requirements
Section 302-Extremely Hazardous Substances	Not Required
Section 304-Hazardous releases	Not Required
Section 311- Community Right to Know (R-T-K)	Reporting Required for inventory above TPQ
Section 312-R-T-K Inventory Data	Reporting Required for inventory above TPQ
Section 313-Emissions and Release	Not Required
CERCLA	Same as Section 304

The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.

This form meets OSHA requirements of 29 CFR 1910.1200