

# MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

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## SECTION 1

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EMERGENCY TELEPHONE

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FOR INFORMATION:

(847) 541-5700

- SUNNYSIDE CORPORATION  
- CHEM TREC

Product Class: Mixed Solvents  
Trade Name: ADHESIVE/CAULK CLEANER

Manufacturer's Code:  
NPCA HMIS:

629  
Health: 2  
Flammability: 2  
Reactivity: 0

Product Appearance and Odor: Clear, water-white liquid; aromatic hydrocarbon odor.

## SECTION 2 -- HAZARDOUS INGREDIENTS

### OCCUPATIONAL EXPOSURE LIMITS

INGREDIENT	CAS #	PERCENT	ACGIH TLV (TWA)	ACGIH TLV (STEL)	OSHA PEL (TWA)	OSHA PEL (STEL)	VAPOR PRESSURE
Mineral Spirits	64742-88-7		100 PPM (For Stoddard Solvent - CAS #8052-41-3)		100 PPM		2.0 MM Hg @ 20° C.
Light Aromatic Solvent Naphtha	64742-95-6		Not Est.	Not Est.	Not Est.	Not Est.	2.7 MM Hg @ 20° C.
1,2,4- Trimethylbenzene	95-63-6		25 PPM		25 PPM		Not available
Xylene	1330-20-7		100 PPM *(A4)	150 PPM *(A4)	100 PPM	150 PPM	7 MM Hg @ 20° C.
Cumene	98-82-8		50 PPM (SKIN)		50 PPM (SKIN)		Not available
Ethyl Benzene	100-41-4		100 PPM	125 PPM	100 PPM	125 PPM	Not available
Dipropylene Glycol Methyl Ether	34590-94-8		100 PPM (SKIN)	150 PPM (SKIN)	100 PPM (SKIN)	150 PPM (SKIN)	0.4 MM Hg @ 77° F.

\*Not classifiable as a Human Carcinogen: Agents which cause concern that they could be carcinogenic for humans but which cannot be assessed conclusively because of a lack of data.

## SECTION 3 -- EMERGENCY AND FIRST AID PROCEDURES

Eye Contact:	Flush eyes with plenty of water for 15 minutes while holding eyelids open. Get medical attention.
Skin Contact:	Remove contaminated clothing/shoes and wipe excess from skin. Flush skin with water. Follow by washing with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned.
Inhalation:	Remove victim to fresh air and if breathing is difficult, oxygen should be provided by qualified personnel. Give artificial respiration if not breathing. Seek immediate medical attention.
Ingestion:	If swallowed, do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Get medical attention.

## SECTION 4 -- PHYSICAL DATA

The following data represent approximate or typical values. They do not constitute product specifications.

Boiling Range:	306° F. (I.B.P)	Vapor Density:	Heavier than air
Evaporation Rate:	Slower than ether	% Volatile By Volume:	100%
Weight Per Gallon:	6.63 lbs.		
Solubility in Water:	Approx. 2.0% vol.		

**SECTION 5 – FIRE AND EXPLOSION DATA**

Flammability Classification:	Combustible liquid - Class II.
Flash Point:	102°F (Tag. Closed cup)
Lower Explosive Limit:	0.9% (Estimated)
Extinguishing Media:	Carbon dioxide, foam, dry chemical, water spray. Do not use direct water stream; it will spread fire.
Unusual Fire and Explosion Hazards	Do not store or mix with strong oxidants.
Special Fire Fighting Procedures:	Use air-supplied rescue equipment for enclosed areas. Cool exposed containers with water.

**SECTION 6 – HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE:	Not established for mixture - See Section 2.
EFFECTS OF OVEREXPOSURE:	
Acute	
Eye Contact:	Contact may cause irritation, discomfort, redness and swelling of the eye.
Skin Contact:	Liquid is irritating to the skin. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis.
Inhalation:	Vapors may cause irritation to nose, throat and respiratory tract. Breathing of high vapor concentrations may result in headaches, dizziness and other signs of nervous system depression. These effects have been observed after misuse or abuse of this product. When used in a reasonable and foreseeable manner, no adverse effects are anticipated from exposure to this product.
Ingestion:	Ingestion of product may result in vomiting, aspiration (breathing) of vomitus into the lungs must be avoided as even small quantities may result in aspiration pneumonitis.
Carcinogenicity:	Components of this product have not been identified as carcinogens by NTP, IARC, or OSHA.
Pre-Existing Medical Conditions:	Conditions aggravated by exposure may include eye disorders, skin disorders (dermatitis) and respiratory (asthma-like) disorders.
Chronic Effects:	This product contains Ethyl Benzene. A draft report on a study conducted by the National Toxicology program states that lifetime inhalation exposure of rats and mice to concentrations of Ethyl Benzene (750 ppm) resulted in increases in certain types of cancer, including kidney tumors in rats and lung and liver tumors in mice. These effects were not observed in animals exposed to lower concentration of Ethyl Benzene (75 ppm or 250 ppm). The draft report does not address the relevance of these results to humans. The International Agency for Research on Cancer has evaluated ethylbenzene and classified it as a possible human carcinogen (Group 2B) based on sufficient evidence for carcinogenicity in experimental animals, but inadequate evidence for cancer in exposed humans.

**SECTION 7 – REACTIVITY DATA**

Stability:	Stable
Conditions to Avoid:	Heat, sparks and flame.
Incompatibility (Materials to Avoid):	Avoid contact with strong acids, selected amines, strong bases, oxidizing agents and reducing agents.
Hazardous Decomposition Products:	Thermal decomposition may yield carbon dioxide and carbon monoxide.
Hazardous Polymerization:	Will not occur.

**SECTION 8 -- SPILL OR LEAK PROCEDURES**

Steps to be taken in case material is spilled or released: Remove ignition sources, evacuate area, avoid breathing vapor or contact with liquid. Recover free liquid or stop leak if possible. Dike large spills and use absorbent material for small spills. Keep spilled material out of sewers, ditches and bodies of water.

Waste disposal method: Incinerate under safe conditions; dispose of in accordance with local, state and federal regulations.

**SECTION 9 – SAFE HANDLING AND USE INFORMATION**

Respiratory Protection:	Appropriate vapor canister, self-contained breathing apparatus or supplied-air hose mask, if needed.
Ventilation:	Sufficient, in volume and pattern, to keep workroom concentration below current applicable OSHA safety and health requirements. See Section II. Use explosion-proof equipment. No smoking or open lights.
Protective Gloves:	Rubber or neoprene.
Eye Protection:	Chemical safety goggles.
Other Protective Equipment:	Impervious clothing or boots, if needed. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

**SECTION 10 -- SPECIAL PRECAUTIONS**

Dept. of Labor Storage Category: Combustible liquid - Class II

Hygienic Practices: Keep away from heat, sparks and open flame. Keep containers closed when not in use. Avoid eye contact. Avoid prolonged or repeated contact with skin. Wash skin with soap and water after contact.

Additional Precautions: Ground containers when transferring liquid to prevent static accumulation and discharge. Additional information regarding safe handling of products with static accumulation potential can be ordered by contacting the American Petroleum Institute (API) for API Recommended Practice 2003, entitled "Protection Against Ignitions Arising Out of Static, Lighting, and Stray Currents" (American Petroleum Institute, 1720 L Street Northwest, Washington, DC 20005), or the National Fire Protection Association (NFPA) for NFPA 77 entitled "Static Electricity" (National Fire Protection Association, 1 Batterymarch Park, P.O. Box 9101, Quincy, MA 02269-9101).

Empty Container Warning: "Empty" containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks or other sources of ignition; they may explode and cause injury or death. Do not attempt to clean since residue is difficult to remove. "Empty" drums should be completely drained, properly bunged and promptly returned to supplier or disposed of in an environmentally safe manner and in accordance with governmental regulations.

**SECTION 11 -- ADDITIONAL INFORMATION**

This product contains the following toxic chemical(s) which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

TOXIC CHEMICAL	CAS #	APPROXIMATE % BY WEIGHT
1,2,4-Trimethyl Benzene	95-63-6	6.32%
Xylene	1330-20-7	0.59%
Cumene	98-82-8	0.30%
Ethylbenzene	100-41-4	0.10%

SARA Title III Hazard Categories: Immediate (Acute) Health, Delayed (Chronic) Health, Fire Hazard

Common Names: Petroleum Hydrocarbon, Aliphatic and Aromatic Hydrocarbon Blend

California Proposition 65: This product contains trace amounts of Benzene, a chemical known to the State of California to cause cancer, and Toluene, a chemical known to the State of California to cause birth defects or other reproductive harm.

TRANSPORTATION (U.S. DOT land transportation in packages of 119 gallons or less.  
Not regulated by DOT as a hazardous material

\*Refer to 49 CFR for additional information.