

MATERIAL SAFETY DATA SHEET

Manufacturer's Name: POLYGUARD PRODUCTS, INC.		Telephone Number: (214) 515-5000		NFPA 704 FIRE HAZARDS IDENTIFICATION SYSTEM			
Address: P.O. Box 755, Ennis Texas, 75120		Date: Revised 9/13/06				HEALTH	2
FOR EMERGENCY ASSISTANCE CALL: Polyguard: (800) 541-4994 (DAY) or CHEMTREC: (800) 424-9300						FIRE	0
Trade Name & Synonyms: Shur Tac Liquid Adhesive						REACTIVITY	0
				Special Hazards	0		
Chemical Name or Composition: Polymer Emulsion Based Primer		Chemical Family: Mixture		Formula: Mixture			

SECTION II – INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER	OSHA PERMISSIBLE EXPOSURE LIMIT	AGCIH – THRESHOLD LIMIT VALUES	IS PRODUCT LISTED IN NATIONAL TOXICOLOGY PROGRAM (NTP) ANNUAL REPORT ON CARCINOGENS?	IF PRODUCT HAS BEEN EVALUATED BY THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC), DESCRIBE RESULTS	% BY WGT.
Ethylene Glycol	107-21-1	Ceiling 50 ppm (vapor)	Ceiling 100 mg/m ³ (Aerosol)	N/A	Group 3	1 - 5

** This chemical is subject to the reporting requirements of Section 313 of SARA Title III

A. IARC Definitions:	GROUP 1: <i>Carcinogenic to humans</i> GROUP 2a: <i>Probably carcinogenic to humans</i> GROUP 2b: <i>Possibly carcinogenic to humans</i>	GROUP 3: <i>Not classifiable as to carcinogenic or non carcinogenic to humans</i> GROUP 4: <i>Probably not carcinogenic to humans</i>
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Section III- Hazards Identification

Inhalation – Brief exposure (minutes) to primer is not likely to cause adverse effects.

Ingestion – If ingested in large quantities, gastro intestinal problems may occur.

Skin contact- Contact with material may cause skin irritation.

Eye contact- Contact with primer may cause eye irritation.

SECTION VI – First Aid Measures

Inhalation- If affected, move person to fresh air. If breathing is difficult, administer oxygen. If not breathing or no heartbeat, give artificial respiration or cardiopulmonary resuscitation (CPR). Immediately call for medical assistance.

Skin Contact: If contact occurs, wash with soap and water. Remove contaminated clothing and launder before reuse.

Ingestion: If victim is conscious, give two glasses of water and induce vomiting. Seek medical attention. Do not make an unconscious person vomit. Monitor for breathing difficulties.

Eye contact: Flush eyes with water for at least 15 minutes. Get medical attention if needed.

SECTION V – Fire fighting Measures

Not classified as a flammable material

Flammable limits- LEL- N/A UEL – N/A

Flash point Not applicable **Auto ignition Temperature-** Non Applicable

Hazardous Combustion Products- On burning (dry film) traces of CO. Main Combustion products water , Carbon dioxide and carbon as heavy smoke.

Special fire fighting procedures- Evacuate the area of unprotected personnel. Wear self contained breathing apparatus and full protective clothing when fighting fire. Contain water run off from fire fighting activities.

Unusual Fire and explosion hazards- None

SECTION VI – Accidental Release Measures

Liquid material- Scrap up and place in containers for disposal. Wash area with water.

Dry Material- Scrap off heavy deposit and place in containers for disposal. Remove the balance of the dried material with low hazard solvents or specialized cleaners.

SECTION VII – Handling and Storage

Store material in a warm place to prevent freezing of the emulsion.

SECTION VIII – Exposure Controls/ Personnel Protection

Respiratory protection- Not required. If used in confined spaces, ensure adequate ventilation is used.

Skin and body protection- Wear normal work clothing.

Eye protection- Chemical resistant splash goggles or other type of OSHA approved eye protection if material is sprayed.

Hygiene measures-Wash hands with soap and water before eating, drinking, applying cosmetics or using toilet facilities. Launder contaminated clothing before reuse.

SECTION IX– Physical and Chemical Properties

Appearance - Red emulsion with Characteristic Odor

Physical State- Liquid

VOC - 43% by vol. < 75 g/L

Boiling point- 212 F (100 C)

Vapor pressure- Same as for water (mm Hg)

Vapor density – same as for water (Air =1)

Specific Gravity- 1.04 (water=1)

Freezing point- 32 F (0 C)

Evaporation rate- same as water (BuAc=1)

Density =1.04 g/ml

Weight per gallon- 8.66 lb/gal

pH- 5-7

Solubility in water- Miscible in water as supplied. Insoluble when dry.

SECTION X– Stability and Reactivity

Stability: Material is stable under normal storage and working conditions

Polymerization: Will not occur

Conditions to avoid: Freezing will damage emulsion.

Incompatibility: Alkali will coagulate the emulsion. Materials that react with water.

Hazardous Decomposition Products: Will not decompose under normal conditions of handling or warehousing.

SECTION XI–Toxicological Information

LD50- (oral rat) > 4700 mg/kg

LD 50 (dermal- rabbit) > 9530 mg/kg

Acute Effects- Product may cause skin or eye irritation if not washed off immediately after contact.

Chronic Effects- Unknown

SECTION XII–Ecological Information

No data available on this product.

SECTION XIII–Disposal Considerations

Dispose of in accordance with federal, state and local regulations.

SECTION XIV–Transportation Information

Proper Shipping name Not regulated

This product and /or its compounds are listed on the TSCA Chemical Inventory.

This product has been evaluated and determined not to be hazardous as defined in OSHA's Hazardous Communication Standard.

Section 311/312 Hazard Class- 40 CFR 370.2

Acute () Chronic () Fire () Reactive () Sudden Release of pressure ()

SARA 313 Components- 40 CFR 372.65 **(None)**

State and local Regulations - California Proposition 65 - The following statement is made in order to comply with the California Safe drinking Water and Toxic Enforcement Act of 1986. This product contains the following substance (s) known to the state of California to cause cancer. **(None)**

The following statement is made in order to comply with the California Safe drinking Water and Toxic Enforcement Act of 1986. This product contains the following substance(s) known to the state of California to cause reproductive harm. **(None)**

SECTION XV–Other Information

The information accumulated herein is believed to be accurate but not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.