

Material Safety Data Sheet

Conforms to ANSI Z400.5-2004 Standard (United States)

1. Product and company identification

Produce Name: Shur Tac
Material uses: Liquid adhesive
Supplier/Manufacturer: Polyguard Products
3801 South Interstate 45
Ennis, TX 75119
Tel (800) 541-4994
In case of emergency: CHEMTREC, US: +1-800-424-9300 International: +1-703-527-3887

2. Hazards identification

Physical state: Liquid
Odor: Pleasant
Emergency Overview: May cause eye, skin and respiratory tract irritation. May be harmful if swallowed.
Potential acute health effects
Inhalation: Exposure to vapors may cause respiratory tract irritation.
Ingestion: May be harmful if swallowed. May cause gastric distress.
Skin: May cause skin irritation.
Eyes: May be irritating to the eyes.

Potential chronic health effects

Chronic effects: No known significant effects or critical hazards
Carcinogenicity: No known significant effects or critical hazards.
Mutagenicity: No known significant effects or critical hazards.
Teratogenicity: No known significant effects or critical hazards
Developmental effects: No known significant effects or critical hazards
Fertility effects: No known significant effects or critical hazards

Over-exposure signs/symptoms

Inhalation: Adverse symptoms may include the following: Irritation.
Ingestion: No specific data
Skin: Adverse symptoms may include the following: Irritation, redness
Eyes: Adverse symptoms may include the following: pain and irritation, redness, watering.

Medical conditions aggravated by over-exposure: None known.

See toxicological information (section 11)

3. Composition/information on ingredients

United States

Name	CAS number	%
Acrylic polymer blend	N/A	30-60
Propylene Glycol	57-55-6	1-5
Water	7732-18-5	30-50

There are no additional ingredients present which within the current knowledge if the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4. First aid measures

Eye contact:	Check for and remove any contact lenses. In case of contact with eyes, rinse immediately with plenty of water. Get medical attention immediately if irritation develops and persists.
Skin contact:	Wash with mild soap and water. Remove clothing and wash immediately.
Inhalation:	If inhaled, remove to fresh air. Contact a physician if symptoms develop.
Ingestion:	Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.
Protection of first-aiders:	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth to mouth resuscitation.
Notes to physician:	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested.

5. Fire-fighting measures

Extinguishing media	
Suitable:	Use dry chemical, CO ₂ , water spray (fog) or foam.
Hazardous thermal decomposition products:	Thermal decomposition (burning) may release irritating and/or toxic gases and vapors including carbon monoxide, and carbon dioxide.
Special protective equipment:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-piece face mask operating in a positive pressure mode.

6. Accidental release measures

Personal precautions:	No actions shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personal from entering. Do not touch or walk through spilled material... Avoid breathing vapor or mist. Provide adequate ventilation. Wear respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see section 8).
Environmental Precautions:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Method for clean up Spill:	Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Collect and dispose of in accordance with applicable regulations. Avoid run off to waterways and sewers.

7. Handling and storage

Handling:	Put on appropriate personal protective equipment (see section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Storage:	Do not allow material to freeze. Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible material (see section 10) and food and drink... Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. Exposure controls/personal protection

United States

Product name

Propylene Glycol

Exposure limits

ACGIH TLV

TWA: 10 mg/m³

Consult local authorities for acceptable exposure limits.

Recommended monitoring procedure:

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment

Engineering measures:

Use only with adequate ventilation.

Hygiene measures:

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protection**Eyes**

Safety glasses

Skin

Long sleeves

Respiratory

A respirator is not needed under normal and intended conditions of use. Airborne exposures to hazardous dusts or mists may be generated by spraying, sanding or grinding.

Hands

Chemical Resistant gloves

HMIS Code/Personal protective equipment

B

9. Physical and chemical properties

Physical state:

Liquid

Flash point

N/A

Color

Pink

Odor

Pleasant

Boiling /Condensation Point

100 C (212F)

Specific Gravity:

1.04

Percent Volatiles:

43

Percent VOC

<75 g/l

Vapor pressure:

As for water

Vapor density:

As for water

pH factor:

5-7

Solubility:

Miscible in water as supplied. Insoluble when dry.

Evaporation rate:

Same as water

10. Stability and reactivity

Stability:

The product is stable

Hazardous polymerization:

Under normal conditions of storage and use, hazardous polymerization will not occur.

Conditions to avoid:

Contact with water reactive materials. Alkali will coagulate the emulsion.

Materials to avoid:

Water reactive chemicals, alkalis.

Hazardous decomposition:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information

Acute Toxicity

Product/ingredient name

Inhalation:

Ingestion:

Skin:

Eyes:

Acute Toxicity

Product/ingredient name

Propylene Glycol

No known significant effects or critical hazards.

May be harmful if swallowed

Irritating to skin.

Irritating to eyes.

12. Ecological information

Environmental effects:

No known significant or critical hazards.

13. Disposal considerations

Waste disposal :

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations

Refer to section 7: HANDLING AND STORAGE and section 8: EXPOSURE CONTROL/PERSONAL PROTECTION for additional handling information and protection of employees.

14. Transportation information

Not regulated

15. Regulatory information

United States

U.S. Federal regulations:

TSCA 4(a) final test rules: none

United States Inventory (TSCA 8b): All components are listed or exempted.

SARA 302/304/311/312 extremely hazardous substance: No products were found

SARA 302/304 Emergency Planning and Notification: No products were found.

SARA 302/304/311/312 hazardous chemicals: No products found.

California Prop. 65

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

None known

WARNING: This product contains chemicals known to the State of California to cause cancer: **None known**

16. Other information

Label Requirements

MAY CAUSE EYE AND SKIN IRRITATION. MAYBE HARMFUL IF SWALLOWED.

Hazardous Material Information System (USA)

Health -	1	HAZARD RATING
Fire Hazard-	0	4- Extreme
Physical Hazard	0	3-Serious
Personal Protection		2- Moderate
		1- Slight
		0- Minimal
		See section 8 for more detailed information on personal protection.

The customer is responsible for determining the PPE code for this material.

References:

ANSI Z400.5, MSDS standard, 2004.-Manufacturer's Material Safety Data Sheet- 29CFR Part1910.1200 OSHA MSDS Requirements.-49 CFR Table List of Hazardous Materials, UN #, Proper Shipping Names, PG.

Date of Issue:

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Version:

2

Notice to reader: To the best ability of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.