

Material Safety Data Sheet

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

1. Product and company identification

Produce Name: Poly Stop Adhesive
Material uses: Butyl Sealant
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: Paste
Odor: Pleasant
Emergency Overview: MAY CAUSE EYE AND SKIN IRRITATION.MAYBE HARMFUL IF SWALLOWED.
Potential acute health effects
Inhalation: May cause headaches, drowsiness, and nausea.
Ingestion: May be harmful if swallowed
Skin: Prolonged contact may cause irritation or dermatitis.
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: No specific data
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	%
Synthetic Isoparafinic Hydrocarbon	64742-48-9	2-5
Kerosene	8008-20-6	2-5

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.
Skin contact:	Wash with mild soap and water. Remove clothing and wash immediately. Get medical attention if irritation occurs.
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention.
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 or inhaled.

5. Fire-fighting measures

Extinguishing media	
Suitable:	Use dry chemical, CO ₂ , water spray (fog) or foam.
Hazardous thermal decomposition products:	Decomposition products may include the following materials: Carbon Dioxide, Carbon Monoxide.
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. Shut off all ignition sources. No flares, smoking or flames in a hazardous area. 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	
Small spill:	Stop leak if without risk. Move containers from spilled area. Use spark-proof tools and explosion proof equipment. Dispose of via a licensed waste disposal contractor.
Large spill:	Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 for emergency contact information and section 13 for waste disposal.

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. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilation, lighting, and material handling) equipment. Use non-sparking tools.. Empty containers retain product residue and can be hazardous. Do not reuse container. Do not pressurize, cut, weld braze, solder, drill, grind or expose containers to heat or sources of ignition.

Storage: 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. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been operated must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental containment.

8. Exposure controls/personal protection

United States

Product name

Kerosene

Exposure limits

OSHA PEL

TWA: 100 mg/m³ 10 hour(s)

ACGIH TLV

TWA: 200 mg/m³ skin

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. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

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

Overalls button at the wrist & neck

Respiratory

A respirator is not needed under normal and intended conditions of use.

Hands

Chemical Resistant gloves

HMIS Code/Personal protective equipment

B

Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. Physical and chemical properties

Physical state:	Paste
Flash point	Tag Closed cup: 93.3 C (> 200 F)
Color	Off-white or gray
Odor	Pleasant
Boiling /Condensation Point	>82 C (> 180F)
Specific Gravity:	1.65

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:	Avoid all possible sources of ignition (sparks or flame). Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas.
Materials to avoid:	Reactive or incompatible with the following materials: oxidizers.
Hazardous decomposition:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information

Acute Toxicity

Product/ingredient name	Species	Dose	Result	Exposure
Kerosene	Rabbit	2835 mg/kg	LD50 Oral	-
	Rat	15000 mg/kg	LD50 oral	-

Inhalation: No known significant effects or critical hazards.

Ingestion: May be harmful if swallowed

Skin: Irritating to skin.

Eyes: 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

HCS Classification: Irritating material

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-	1	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:

8/30/10

Version:

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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.**