



POLAR PURGE

February 15, 2019

***SAFETY DATA SHEET ***

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1. PRODUCT & COMPANY IDENTIFICATION

Product Name: POLAR PURGE
Product Type: Hot Melt Adhesive Purge Compound
Company Address:
The Gluefast Company, Inc.
3535 Route 66, Bldg. #1
Neptune, NJ 07753 USA
Phone 732-918-4600

2. HAZARDS IDENTIFICATION

EYE As supplied: irritant as a foreign body. As used: severe thermal hazard.
Skin Contact Exposure to hot material may cause thermal burns.
Inhalation Over exposure to paraffin wax fumes may be irritating to respiratory passages and cause other effects such as eye irritation and nausea. Care should be taken not to exceed the established TLV.
Ingestion Low order of toxicity.



3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS NUMBER	CONCENTRATION
Paraffin Hydrocarbons	8002-74-2	>1
Acrylic Acid	79-10-7	Trace

4. FIRST AID MEASURES

Eyes If hot: flush with cool water. Treat as wax or resin burn. Do not attempt to remove solidified purge compound. Seek medical attention immediately. As supplied: remove as foreign body.
Skin Contact If hot: flush with cool water. Treat as wax or resin burn. Do not attempt to remove solidified purge compound. Seek medical attention immediately. As supplied: Non-hazardous.
Inhalation Remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Seek medical attention.
Ingestion If swallowed, induce vomiting only if victim is alert. Seek prompt medical attention. Do not attempt to give anything by mouth to a drowsy or unconscious person.

5. FIRE FIGHTING MEASURES

Autoignition: Unknown

Flash Point: Greater than 193°C/380°F
Extinguishing Media: CO2; dry chemical.
Special Firefighting Procedures: No special procedures are required.

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Fire and explosion Hazards: N/A
Fire and Explosion Limit (%): N/A
Upper Explosion Limit (%): N/A
Lower Explosion Limit (%): N/A
NFPA Flammability Hazard Class: 0 = Insignificant

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures Allow to cool and solidify. Scrape up and collect in suitable containers for disposal. For more information: See Section 13.

7. HANDLING AND STORAGE

Storage Temperature 0-100°F
Handling/Storage Store in a cool, dry area. Precaution: this product should only be heated to recommended temperatures. Hazards of Pyrolysis products emitted are unknown and General; Local.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Component: **Exposure Limits**
Paraffin Hydrocarbons: 2mg/m³ (ACGIH-TWA)
2mg/m³ (OSHA-PEL)
Acrylic Acid: 3ppm (ACGIH-TWA) – skin
10ppm (OSHA-PEL) – skin
Ventilation Requirements: General; Local.
Eye Protection Requirements: Safety glasses, goggles or face shield to protect against splashing.
Glove Requirements: Thermally resistant gloves should be worn.
Clothing Requirements: To avoid burns, use long-sleeved, long legged clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Pure Substance of Mixture: Mixture
Physical Form: Solid
Appearance/Odor: White & tan mixture, rosin odor
Boiling Point: >70°F
Solubility in water: Negligible at 20°C / 68°F
Specific Gravity: Approximately 0.97
Bulk Density: Approximately 8.1 lbs. /gal.

Vapor Pressure: Nil (20°C)
Volatiles: Nil (20°C)
Flash Point: >380°F

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10. STABILITY AND REACTIVITY

Stability	Stable
Materials to Avoid	Water when molten
NFPA Reactivity Hazard Class	0=Insignificant
Hazardous Decomposition	Carbon monoxide, carbon dioxide, unknown hydrocarbons.

11. TOXICOLOGICAL INFORMATION

Chronic (Long Term) Effects of Exposure

Route of Entry:	Skin contact; Eye contact
Effects of Chronic Exposure	No known chronic effects of exposure when product is as supplied. Effects of long term inhalation are not known.
Target Organs	Eyes; Skin; Respiratory system
Special Health Effects	None known

Toxicology Information

Notes on Oral Toxicity	No hazard in normal industrial use.
Notes on Dermal Toxicity	Exposure to hot thermal material may cause thermal burns.
Notes on Inhalation Toxicity	Overexposure to paraffin wax fumes may be irritating to respiratory passages and cause other effects such as eye irritation and nausea. Care should be taken not to exceed the established TLV.
Notes on Eye Irritation	As supplies; irritant as a foreign body. As used; severe thermal hazard.

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12. ECOLOGICAL INFORMATION

Not Available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods

Incineration is accordance with applicable regulations is the recommended disposal method. Landfilling in permitted solid or hazardous waste facility, meeting technical regulatory requirements, is a suitable alternative.

14. Transport Information

DOT Information

N/A

United Nations Information

U.N. Number

None

U.N. Class

None

15. Regulatory Information

Health	Flammability	Reactivity
0 MINIMAL	1 SLIGHT	0 MINIMAL

16. ADDITIONAL INFORMATION

NFPA/HMIS: SPECIFIC.....N/A

HAZARD.....N/A

See SECTION 8: ESPOSURE CONTROLS/PERSONAL PROTECTION for personal protective equipment recommendations.

This safety data sheet contains changes from the previous version in sections:
New Safety Data Sheet format.

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