



PS-2301 Hot Melt

February 15, 2019

***SAFETY DATA SHEET ***

Page 1 of 6

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER PS2301 HOT MELT or GF #PS2301
PRODUCT NAME GLUEFAST NO. PS2300
SYNONYMS HOT MELT ADHESIVE
CHEMICAL FAMILY HOT MELT ADHESIVE

The Gluefast Company, Inc.
3535 Route 66, Bldg. #1
Neptune, NJ 07753 USA
Phone 732-918-4600

2. HAZARDOUS INGREDIENTS

EMERGENCY OVERVIEW

		HMIS	
Physical state:	Solid	HEALTH	2
Color:	Light amber	FLAMMABILITY:	1
Odor:	Mild	PHYSICAL HAZARD:	0
		Personal Protection	See MSDS Section 8

CAUTION: MOLTEN ADHESIVE MAY CAUSE SEVERE BURNS. VAPORS ABOVE MOLTEN ADHESIVE MAY CAUSE EYE, SKIN AND RESPIRATORY TRACK IRRITATION.

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects

- Inhalation:** Dusts from solid adhesive may cause irritation. Continuous breathing of vapors above molten adhesive may irritate mucous membranes.
- Skin contact:** Solid adhesive has no hazards. Molten adhesive may cause severe burns.
- Eye contact:** Can cause mechanical irritation if dusts are generated. Molten adhesive in eyes will cause severe and permanent damage.
- Ingestion:** Not expected under normal conditions of use. Expected to be low in toxicity.

Existing conditions aggravated by exposure: Respiratory disorders

This product is not hazardous under 29 CFR 1910.1200 (Hazard Communication).

See section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components	CAS NUMBER	%
White mineral oil (petroleum), highly refined	8042-47-5	10 - 30
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-2	10 - 30



PS-2301 Hot Melt

February 15, 2019

*****SAFETY DATA SHEET *****

Page 2 of 6

4. FIRST AID MEASURES

- Inhalation:** Move to fresh air. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention.
- Skin contact:** Wash affected area immediately with soap and water. Cool skin rapidly with cold water after contact with molten material. No attempt should be made to remove material from skin or to remove contaminated clothing as damaged skin can be easily torn. Get immediate medical attention.
- Eye contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye contact occurs with molten material immediately cool with water. Do not remove adhesive. Seek medical attention.
- Ingestion:** Get immediate medical attention. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

- Flash point:** > 260° C (>500°F) Cleveland open cup
- Autoignition temperature:** Not available.
- Flammable/Explosive limits – lower:** Not available.
- Flammable/Explosive limits – upper:** Not available.
- Extinguishing media:** water, carbon dioxide, foam, powder
- Special firefighting procedures:** Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
- Unusual fire or explosion hazards:** None identified.
- Hazardous combustion products:** Smoke. Oxides of carbon, oxides of nitrogen, irritating organic vapors.

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

- Environmental precautions:** Prevent further leakage or spillage if safe to do so. Prevent contamination of soil and water.
- Clean-up methods:** Wear appropriate protective equipment and clothing during clean-up. If product is spilled in the solid state, pick up and place in an appropriate waste disposal container. If product is spilled in the molten state, allow product to solidify before scraping up and disposing of in an appropriate waste disposal container. Follow all local, state, federal and provincial regulations for disposal.



*****SAFETY DATA SHEET *****

Page 3 of 6

7. HANDLING AND STORAGE

Handling: Wear suitable protective clothing, safety glasses and gloves. Avoid skin and eye contact. Avoid breathing vapors or mists of this product.

Storage: No special procedures. Store between 40°F and 100°F. (5° and 38°C).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous components	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
White mineral oil (petroleum), Highly refined	5 mg/m3 TWA Inhalable fraction.	5 mg/m3 TWA mist 5 mg/m3 PEL Mist.	None	None
Distillates (petroleum), Hydrotreated heavy naphthenic	5 mg/m3 TWA Inhalable fraction. 5 mg/m3 TWA mist 10 mg/m3 STEL Mist	5 mg/m3 TWA mist 500 ppm (2,000 mg/m3) PEL 5 mg/m3 PEL Mist.	None	None

Engineering controls: Work should be done in an adequately ventilated area (i.e., ventilation sufficient to maintain concentrations below one half of the PEL and other relevant standards). Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination.

Respiratory protection: No personal respiratory protective equipment normally required. Use a NIOSH approved respirator if ventilation is inadequate. Observe OSHA regulations for respirator use (29 CFR 1910.134)

Eye/face protection: Safety goggles or safety glasses with side shields.

Skin protection: Wear suitable protective clothing. Insulated gloves and long sleeved clothing are strongly recommended when working with molten adhesive.



*****SAFETY DATA SHEET *****

Page 4 of 6

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Solid
Color: Light amber
Odor: Mild
Odor threshold: Not available.
pH: Not applicable
Vapor pressure: Not available.
Boiling point/range: Not available.
Melting point/ range: 70°C (158°F) (Softening Point)
Specific gravity: 1.0
Vapor density: Heavier than air., (Air=1)
Flash point: >260°C (.500°F) Cleveland open cup
Flammable/Explosive limits – lower: Not available.
Flammable/Explosive limits – upper: Not available.
Autoignition Temperature: Not available.
Evaporation rate: Not applicable
Solubility in water: Insoluble
Partition coefficient (n-octanol/water): Not available.
VOC content: Negligible

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous reactions: Will not occur.
Hazardous decomposition products: Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Thermal decomposition can lead to release of irritating gases and vapors.
Incompatible materials: Strong oxidizing agents.
Conditions to avoid: None known

11. TOXICOLOGICAL INFORMATION

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
White mineral oil (petroleum), highly refined	NO	NO	NO
Distillated (petroleum), Hydrotreated heavy naphthenic	NO	NO	NO

Hazardous components	Health Effects/Target Organs
White mineral oil (petroleum), highly refined	Irritant
Distillates (petroleum). Hydrotreated heavy	Irritant



naphthenic

PS-2301 Hot Melt

February 15, 2019

*****SAFETY DATA SHEET *****

Page 5 of 6

12. ECOLOGICAL INFORMATION

Ecological information: Not available.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: This product is not a RCRA hazardous waste when discarding. Processing, use, or contamination of this product may change the hazard classification and waste management options.

Hazardous waste number: Not applicable

14. TRANSPORT INFORMATION

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

International Air Transportation (ICAO/IATA)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

Water Transportation (IMO/IMDG)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.
TSCA 12 (b) Export Notification: None above reporting de Minimis
CERCLA/SARA SECTION 302 EHS: None above reporting de Minimis
CERCLA/SARA SECTION 311/312: None
CERCLA/SARA SECTION 313: None above reporting de Minimis

PS-2301 Hot Melt



PS-2301 Hot Melt

February 15, 2019

*****SAFETY DATA SHEET *****

Page 6 of 6

California Proposition 65:

No California Proposition 65 listed chemicals are known to be present.

Canada Regulatory Information

CEPA DSL/NDSL Status:

All components are listed on or are exempt from listing on the Canadian Domestic Substances List

WHMIS hazard class:

Not Controlled

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: Reviewed SDS. Reissued with new date

The information and recommendations set forth herein are believed to be accurate. Because some of the information is derived from information provided to The Gluefast Company from its suppliers, and because The Gluefast Company has no control over the conditions of handling and use, The Gluefast Company makes no warranty, expressed or implied, regarding the accuracy of the data or the results to be obtained from the use thereof. The information supplied solely for your information and consideration and the The Gluefast Company assumes no responsibility for use or reliance thereon. It is the responsibility of the user of The Gluefast Company Products to comply with all federal, state and local laws and regulations.

Revision Date: May 27, 2015

PS-2301 Hot Melt

