



PS 1823 Hot Melt

November 3, 2015

***SAFETY DATA SHEET ***

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1. PRODUCT & COMPANY IDENTIFICATION

Product Name: PS 1823
Product Type: Hot Melt Adhesive
Company Address:
The Gluefast Company, Inc.
3535 Route 66, Bldg. #1
Neptune, NJ 07753 USA
Phone 732-918-4600

2. HAZARDS IDENTIFICATION

Physical state: Solid
Color: White
Odor: Slight

HEALTH: 1
FLAMMABILITY: 1
PHYSICAL HAZARD: 0
Personal Protection: See MSDS Section 8
CAUTION: ADHESIVE VAPORS MAY CAUSE SLIGHT IRRITATION OF THE EYES, SKIN OR RESPIRATORY SYSTEM.
MOLTEN ADHESIVE MAY CAUSE SEVERE BURNS.

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: Molten adhesive in eyes will cause severe and permanent damage. Can cause mechanical irritation if dusts are generated.
Ingestion: Not expected to be harmful by ingestion. Not expected under normal conditions of use.

Existing conditions aggravated by Exposure: None known

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
See Section 11 for additional toxicological information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Emergency Overview

Vapors/fumes may be an irritation at application temperatures.
Contact with molten material will cause burns.

Potential Health Effects

Eyes: Vapors and fumes released at or above application temperatures may cause irritation.
Overexposure may cause headaches and dizziness.



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Skin: No known effects.

Inhalation: Vapors and fumes may cause irritation of the nose, throat and respiratory tract.
Overexposure may cause headaches and dizziness.

Ingestion: Not an anticipated route of exposure. Harmful if swallowed.

Chronic: No anticipated chronic effects.

REGULATED CARCINOGEN STATUS: Unless noted below, this product does not contain regulated levels of NTP, IARC, ACGIH or OSHA listed carcinogens.

Existing health conditions Affected by Exposure: No known effects on other illnesses.

4. FIRST AID MEASURES

- Inhalation:** If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.
- Skin contact:** Molten adhesive may cause severe burns. Cool melted product on skin with plenty of water. Do not remove solidified product. No attempt should be made to remove material from skin or to remove contaminated clothing as damaged skin can be easily torn. Cover affected areas with clean sheeting or gauze and seek immediate medical attention.
- Eye contact:** If eye contact occurs with molten material immediately cool with water. Do not remove adhesive. Seek medical attention.
- Ingestion:** If person can swallow give one glass of water or milk. Do not induce vomiting. Get immediate medical attention. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

- Flash point:** >204 C (>399 F)
- Auto ignition temperature:** Not applicable
- Flammable/Explosive limits - lower:** Not applicable
- Flammable/Explosive limits – upper:** Not applicable
- Extinguishing media:** Water spray (fog), foam, dry chemical or carbon dioxide. Using a direct straight water stream may spread fire.
- Special firefighting procedures:** Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA). Wear full protective clothing.
- Unusual fire or explosion hazards:** None
- Hazardous combustion products:** In the event of a fire, carbon monoxide (CO), carbon dioxide (CO₂) and nitrogen oxides (NO_x) can be released. Irritating and toxic gases or fumes may be released during a fire.



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6. ACCIDENTAL RELEASE MEASURES

Spill or leak procedure: Allow to solidify at room temperature, scrape up and place in disposal container., Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions: Do not allow material to contaminate ground water system. No special environmental precautions required.

Clean-up methods: 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.

7. HANDLING AND STORAGE

Handling: Follow suggested application temperature. Do not place wet or damp solid into melt tank. Avoid skin contact with molten adhesive.

Storage: For safe storage, store at or below 35° C (95° F)

For Information on product shelf life, please review the Technical Data Sheet.

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.

Engineering controls: General room ventilation is usually adequate. Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination.

Respiratory protection: No personal respiratory protective equipment normally required. Where the potential exists for exposure to decomposition products due to heating or elevated temperatures, wear NIOSH approved respiratory protection as appropriate. Observe OSHA regulations for respiratory use (29 CFR 1910.134).

Eye/face protection: Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists.

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



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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	solid
Color:	off-white
Odor:	slight
Odor threshold:	Not available
Ph:	Not applicable
Vapor Pressure:	Not applicable
Boiling Point/range:	Not applicable
Melting Point/range:	N/A
Specific gravity:	1.0-1.1
Vapor density:	Not applicable
Flash Point:	>232°C (>449.6°F)
Flammable/Explosive limits - lower:	Not applicable
Flammable/Explosive limits – upper:	Not applicable
Autoignition temperature:	Not applicable
Evaporation rate:	Not applicable
Solubility in water:	Insoluble
Partition coefficient (n-octanol/water)	Not available
VOC content:	No levels of volatile organic compound emissions are expected at ambient temperature and pressure. Low molecular weight hydrocarbons may be emitted at application temperature. Emissions data is best developed by monitoring actual plant conditions.

10. STABILITY AND REACTIVITY

Stability:	Stable
Incompatibility:	Not established
Hazardous Decomposition:	Not Established
Hazardous Polymerization:	Will not occur

11. TOXICOLOGICAL INFORMATION

No data available.

12. ECOLOGICAL INFORMATION

No data available



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13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: This product is not a RCRA hazardous waste when discarded. Processing, use, or contamination of this product may change the hazard classification and waste management options. Follow all local, state, federal and provincial regulations for disposal.

Hazardous waste number: None identified.

14. TRANSPORT INFORMATION

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

Product is not regulated, non hazardous and not restricted for transport by air or water

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 minimus

CERCLA/SARA Section 302 EHS: None above reporting de minimus

CERCLA/SARA Section 311/312: None

CERCLA/SARA 313: None

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

HMIS Rating
Health – 1 Flammability – 1 Reactivity - 0

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