



PS 1850 Hot Melt

February 15, 2019

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

Page 1 of 5

## 1. PRODUCT & COMPANY IDENTIFICATION

Product Name: PS 1850  
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: Light colored  
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

CHEMICAL	CAS# & PERCENT	OSHA PEL
Oil, Petroleum	64742-52-5 30-50%	5mg/M3 (See note 1 below)
Wax, Petroleum	64742-60-5 1-5%	2mg/M3 (See note 2 below)

Note 1: These exposure limits are for mineral oil mist, a related material

Note 2: These exposure limits are for paraffin was fume, a related material



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

Page 2 of 5

**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.

**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.

**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**

<b>Flash point:</b>	>400 F (Cleveland Open Cup_
<b>Auto ignition temperature:</b>	Not applicable
<b>Flammable/Explosive limits - lower:</b>	Not applicable
<b>Flammable/Explosive limits – upper:</b>	Not applicable
<b>Extinguishing media:</b>	Water spray (fog), foam, dry chemical or carbon dioxide. Using a direct straight water stream may spread fire.
<b>Special firefighting procedures:</b>	Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA). Wear full protective clothing.
<b>Unusual fire or explosion hazards:</b>	None
<b>Hazardous combustion products:</b>	In the event of a fire, carbon monoxide (CO), carbon dioxide (CO2) and nitrogen oxides (NOx) can be released. Irritating and toxic gases or fumes may be released during a fire.



PS 1850 Hot Melt

February 15, 2019

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

Page 3 of 5

**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:**

0-100F – Shelf life is one year from date of manufacture.

**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.



PS 1850 Hot Melt

February 15, 2019

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

Page 4 of 5

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical state:</b>	Solid
<b>Color:</b>	Light Colored
<b>Odor:</b>	Slight
<b>Odor threshold:</b>	Not available
<b>Ph:</b>	Not applicable
<b>Vapor Pressure:</b>	Not applicable
<b>Boiling Point/range:</b>	Not applicable
<b>Melting Point/range:</b>	N/A
<b>Specific gravity:</b>	.97 Approx
<b>Vapor density:</b>	Not applicable
<b>Flash Point:</b>	>400 F (Cleveland Open Cup)
<b>Flammable/Explosive limits - lower:</b>	Not applicable
<b>Flammable/Explosive limits - upper:</b>	Not applicable
<b>Autoignition temperature:</b>	Not applicable
<b>Evaporation rate:</b>	Not applicable
<b>Solubility in water:</b>	Insoluble
<b>Partition coefficient (n-octanol/water)</b>	Not available
<b>VOC content:</b>	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**

<b>Stability:</b>	Stable
<b>Incompatibility:</b>	Not Established
<b>Hazardous Decomposition:</b>	Not Established
<b>Hazardous Polymerization:</b>	Will not occur

**11. TOXICOLOGICAL INFORMATION**

No data available.

**12. ECOLOGICAL INFORMATION**

No data available



PS 1850 Hot Melt

February 15, 2019

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

Page 5 of 5

**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.

**TCSA 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

Revision Date: May 27, 2015