



GF#16-12 Hot Melt

February 14, 2019

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

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### 1. PRODUCT & COMPANY IDENTIFICATION

Product Name: GF16-12  
Product Type: Hot Melt Glue Sticks  
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: Clear  
Odor: Mild rosin-like

HEALTH: 1  
FLAMMABILITY: 0  
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:** Negligible hazard at ambient temperature. Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.

**Skin Contact:** Exposure to hot material may cause thermal burns.

**Eye Contact:** As supplied: Irritant as a foreign body.  
As used: Severe thermal hazard.

**Ingestion:** Call physician at once.

**Existing conditions aggravated by** None known

**Exposure:** 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

Hazardous components	CAS NUMBER	%
None	None	None

### 4. FIRST AID MEASURES

**Inhalation:** Remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Get medical attention.



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**Skin contact:** For hot product, immediately immerse in or flush affected area with large amounts of cold water to dissipate heat. Cover with clean cotton sheeting and get prompt medical attention.

**Eye contact:** If hot: Flush with cool water. Treat as wax or resin burn. Do not attempt to remove solidified adhesive. Get medical attention immediately.

**Ingestion:** Get immediate medical attention.

**5. FIRE FIGHTING MEASURES**

**Flash point:** >500 F (Cleveland Open Cup)  
**Auto ignition temperature:** Unknown  
**Flammable/Explosive limits - lower:** Not applicable  
**Flammable/Explosive limits – upper:** Not applicable  
**Extinguishing media:** CO<sub>2</sub>; Dry chemical  
**Special firefighting procedures:** No special procedures are required.  
**Unusual fire or explosion hazards:** Not applicable  
**Hazardous combustion products:** Not applicable

**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:** For safety and environmental precautions, please review entire Material Safety Data Sheet for necessary information.

**Clean-up methods:** Allow to cool and solidify. Scrape up and collect in suitable containers for disposal.

**7. HANDLING AND STORAGE**

**Handling:** Store in a cool, dry area.  
Precaution: This product should only be heated to recommended temperatures. Hazards of pyrolysis products emitted are unknown and may be hazardous to health.

**Storage:** Store in a cool, dry area 20-100 F. Shelf life is 3 years.



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**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
None	None	None	None	None

**Engineering controls:**

Local; General

**Respiratory protection:**

Avoid prolonged or repeated breathing of vapor or mists. If exposure may or does exceed occupational exposure limits, use a NIOSH approved respirator to prevent overexposure.

**Eyeface protection:**

Avoid contact with eyes. Wear chemical goggles if there is likelihood of contact with eyes.

**Skin protection:**

Thermally resistant gloves should be worn. Employee must wear appropriate protective clothing and equipment to prevent any possibility of skin contact with this substance. Not required to change/remove clothing unless molten adhesive has been splashed on clothing and passes through fabric.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical state:**

Solid

**Color:**

Clear

**Odor:**

Mild rosin-like

**Odor threshold:**

Not available

**Ph:**

Not available

**Vapor Pressure:**

NIL

**Boiling Point/range:**

>500 F

**Melting Point/range:**

Not Applicable

**Specific gravity:**

0.98

**Vapor density:**

NIL

**Flash Point:**

>500 F (Cleveland Open Cup)

**Flammable/Explosive limits - lower:**

Not applicable

**Flammable/Explosive limits – upper:**

Not applicable

**Autoignition temperature:**

Unknown

**Evaporation rate:**

NIL (Water)

**Solubility in water:**

Insoluble

**Partition coefficient (n-octanol/water)**

Not applicable

**VOC content:**

NIL



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**10. STABILITY AND REACTIVITY**

Stability	Stable
Hazardous reactions:	Will not occur.
Hazardous decomposition products	Carbon monoxide, carbon dioxide.
Incompatible materials:	None known
Conditions to avoid:	None known

**11. TOXICOLOGICAL INFORMATION**

Hazardous components	NTB Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
None	None	None	none
Hazardous components		Health Effects/ Target Organs	
None		none	

**12. ECOLOGICAL INFORMATION**

Ecological information: Not available

**13. DISPOSAL CONSIDERATIONS**

**Information provided is for unused product only.**

**Recommended method of disposal:** Waste disposal should be in accordance with existing federal, state and local environmental regulations. Empty containers may contain product residue; follow MSDS and label warnings even after they have been emptied.

**Hazardous waste number:** None identified

**14. TRANSPORT INFORMATION**

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

Proper shipping name: GF16-12  
 Hazard class or division: None  
 Identification number: None  
 Packing group: 8lb box, 22lb box

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



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**INTERNATIONAL AIR TRANSPORTATION (ICAO/IATA)**

Proper shipping name: GF16-12  
Hazard class or division: None  
Identification number: None  
Packing group: 8lb box, 22lb box

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

**WATER TRANSPORTATION (IMO/MDG)**

Proper shipping name: GF16-12  
Hazard class or division: None  
Identification number: None  
Packing group: 8lb box, 22lb box

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**

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

Revision Date: May 27, 2015