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### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product name:** HYS 7804FRM-HV SS 10 5 OZ BG  
**Product type:** Industrial Hot Melt Adhesive  
**Company address:**  
Henkel Corporation  
One Henkel Way  
Rocky Hill, Connecticut 06067

**Item No. :** 83383 / IDH No. 475758  
**Region:** United States  
**Contact Information:**  
Telephone: (860) 571-5100  
Emergency telephone: (860) 571-5100  
Internet: www.henkelna.com

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous components</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Polyamide Hotmelt Polymer Proprietary	60-100	None	None	None
Alumina trihydrate 21645-51-2	10-30	10 mg/m <sup>3</sup> Total Dust (as Al)	15 mg/m <sup>3</sup> Total Dust (as Al) 5 mg/m <sup>3</sup> Respirable Dust (as Al)	None

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**Physical state:** Solid  
**Color:** Amber  
**Odor:** None

#### HMIS:

**HEALTH:** 1  
**FLAMMABILITY:** 1  
**PHYSICAL HAZARD:** 0  
**Personal Protection:** See Section 8

**WARNING:** VAPORS ABOVE MOLTEN ADHESIVE MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.  
MOLTEN ADHESIVE MAY CAUSE SEVERE BURNS.  
STATIC CHARGES GENERATED BY EMPTYING PACKAGE IN OR NEAR FLAMMABLE VAPORS MAY CAUSE IGNITION

**Relevant routes of exposure:** Molten adhesive, Skin, Eyes

#### Potential Health Effects

**Inhalation:** Continuous breathing of vapors above molten adhesive may irritate mucous membranes. Dusts from solid adhesive may cause irritation.  
**Skin contact:** Molten adhesive may cause severe burns. Solid adhesive has no hazards  
**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.

**Existing conditions aggravated by exposure:** None known

See Section 11 for additional toxicological information.

#### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.
<b>Skin contact:</b>	Thermal burn hazard from molten adhesive Cool melted product on skin with plenty of water. Do not remove solidified product. Cover affected areas with clean sheeting or gauze and seek immediate medical attention No attempt should be made to remove material from skin or to remove contaminated clothing as damaged skin can be easily torn
<b>Eye contact:</b>	If eye contact occurs with molten material immediately cool with water. Do not remove adhesive. Seek medical attention.
<b>Ingestion:</b>	Ingestion of solid adhesive is not expected to be hazardous. Get medical attention if symptoms develop and persist.

#### 5. FIRE-FIGHTING MEASURES

<b>Flash point:</b>	Greater than 232°C (450°F)
<b>Autoignition temperature:</b>	Not applicable
<b>Flammable/Explosive limits-lower %:</b>	Not applicable
<b>Flammable/Explosive limits-upper %:</b>	Not applicable
<b>Extinguishing media:</b>	Use extinguishing measures appropriate to local circumstances and the surrounding environment. Water spray (fog), foam, dry chemical or carbon dioxide.
<b>Special fire fighting procedures:</b>	None
<b>Unusual fire or explosion hazards:</b>	None
<b>Hazardous combustion products:</b>	Oxides of carbon. Acrid smoke and fumes.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Environmental precautions:</b>	No special environmental precautions required. Do not allow material to contaminate ground water system.
<b>Clean-up methods:</b>	Health injuries are not known or expected under normal use Sweep up spilled material. Avoid creating dust.

#### 7. HANDLING AND STORAGE

<b>Handling:</b>	Avoid contact with molten material. Always be careful around molten material. Do not place wet or damp solid into melt tank. Follow suggested application temperature. Do not wear contact lenses.
<b>Storage:</b>	Do not store above 38°C (100°F).
<b>Incompatible products:</b>	No special restrictions on storage with other products.

For information on product shelf life contact Henkel Customer Service at (800) 243-4874.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering controls:</b>	Ventilation hoods and fans required when working with organic solvents or in hot melt applications. Heat only in areas with appropriate exhaust ventilation.
<b>Respiratory protection:</b>	In case of insufficient ventilation wear suitable respiratory equipment. Respirator with combination filter for vapour/particulate.
<b>Skin protection:</b>	Insulated gloves and long sleeved clothing are strongly recommended when working with molten adhesive.

**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. Do not wear contact lenses when handling this product.

See Section 2 for exposure limits.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical state:	Solid
Color:	Amber
Odor:	None
Vapor pressure:	Not applicable
pH:	Not applicable
Boiling point/range:	Not available
Melting point/range:	137.7°C (280°F)
Specific gravity:	0.99
Vapor density:	Not available
Evaporation rate:	Not applicable
Solubility in water:	Insoluble.
Partition coefficient (n-octanol/water):	Not available
VOC content:	Essentially Zero

**10. STABILITY AND REACTIVITY**

Stability:	Stable.
Hazardous polymerization:	Will not occur.
Hazardous decomposition products:	None under normal use.
Incompatibility:	Avoid heating above 400 Degrees F
Conditions to avoid:	Prolonged heating at temperatures above 200 °C.

**11. TOXICOLOGICAL INFORMATION****Carcinogen Status**

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Polyamide Hotmelt Polymer Proprietary	No	No	No
Alumina trihydrate 21645-51-2	No	No	No

**Literature Referenced Target Organ & Other Health Effects**

Hazardous components	Health Effects/Target Organs
Polyamide Hotmelt Polymer Proprietary	No Records
Alumina trihydrate 21645-51-2	Irritant, Lung, Respiratory

**12. ECOLOGICAL INFORMATION****Ecological information:**

No specific studies have been conducted by Henkel on the ecotoxicity or environmental fate of this material; however, commonly available data on the material indicate that uncontrolled releases to soil, groundwater, or surface waters could entail acute and/or chronic ecological effects, depending on the quantity and concentration of such releases. Releases of volatile components to the atmosphere are not believed to entail significant ecological consequences provided such releases are within the exposure levels set forth in this document. Accordingly, all appropriate measures should be taken to avoid uncontrolled releases to the environment, and any spills or other uncontrolled releases which may occur should be contained and cleaned up immediately in accordance with Section 6.

### 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

**Recommended method of disposal:** Dispose of in accordance with Federal, State and local regulations.

**EPA hazardous waste number:** Not a RCRA hazardous waste.

### 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
Exceptions:	None
Marine pollutant:	None known

### 15. REGULATORY INFORMATION

#### United States Regulatory Information

<b>TSCA 8 (b) Inventory Status:</b>	All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.
<b>TSCA 12 (b) Export Notification:</b>	None.

<b>CERCLA/SARA Section 302 EHS:</b>	None above reporting de minimus.
<b>CERCLA/SARA Section 311/312:</b>	Immediate Health Hazard
<b>CERCLA/SARA 313:</b>	None above reporting de minimus.

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

#### Canada Regulatory Information

<b>CEPA DSL/NDL Status:</b>	All components are listed on or are exempt from listing on the Domestic Substances List.
<b>WHMIS hazard class:</b>	D.2.B

### 16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: 2

**Prepared by:** Regulatory Affairs

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