

Material Safety Data Sheet

1. Company Identification and Chemical Product

Emergency Telephone Number 785-862-2205

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Product Number 108525, 108526, 108525, 108525-HR, 108525-5
551692, 551695
Synonyms Hot Melt Adhesive
Chemical Family Hot Melt Adhesive

2. Hazardous Ingredients

Ingredient Name / CAS Number / Percentage	Exposure Limit
Paraffin Wax / 8002-74-2 / OSHA Percentage >1%	OSHA 2mg/m3 ACGIH 2mg/m3 STEL 6mg/m3 CEIL None

3. Physical Data

Appearance / Physical Description	Light Colored Solid
Boiling Point	>500° F
Bulk Density	8.0 Pounds / Gallon
Evaporation Rate	NIL (Water)
Melting / Freezing Point	Approx. 180° - 182° F
pH As Is	N/A
pH In Solution (1%)	N/A
Physical Form	Solid
Pure Material or Mixture	Mixture
Solubility in Water	Insoluble
Specific Gravity (water=1)	0.970 Approx.
Vapor Pressure (mmHg)	NIL at 20° C
Volatiles	NIL
VOC	1% or less

4. Fire & Explosion Data

Autoignition	Unknown
Flash Point	>500° F (Cleveland Open Cup)
Extinguishing Media	CO ₂ , Dry Chemical
Special Fire Fighting Procedures	No special procedures are required
Fire & Explosion Hazards	Not applicable
Upper Explosion Limit (%)	Not applicable
Lower Explosion Limit (%)	Not applicable
NFPA Flammability Hazard Class	0 = Insignificant

5. Health Effects Data

Short Term Effects of Exposure

Route of Entry	Eye Contact; Skin contact; Inhalation
Acute Effects - Eye	As supplied: Irritant as a foreign body. As used: Severe thermal hazard.
Acute Effects - Skin	Exposure to hot material may cause thermal burns.
Acute Effects - Inhalation	Overexposure to Paraffin Wax fumes may be irritating to respiratory passages and cause other effects such as eye irritation and nausea. Care should be taken not to exceed the established TLV.
Acute Effects - Ingestion	Low order of toxicity.

First Aid Procedures

Eye	If hot: Flush with cool water. Treat as wax or resin burn. Do not attempt to remove solidified adhesive. Get medical attention immediately.
Skin	As supplied: Remove as foreign body. If hot: Flush with cool water. Treat as wax or resin burn. Do not attempt to remove solidified adhesive. Get attention immediately. As supplied: Non-hazardous.
Inhalation	Remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Get medical attention.
Ingestion	If swallowed, induce vomiting only if victim is alert. Get prompt medical attention. Do not attempt to give anything by mouth to a drowsy or unconscious person.

Long Term Effects of Exposure

Effects of Chronic Exposure	No known chronic effect of exposure when product is as supplied. Effects of long term inhalation are not known.
Target Organs	Eyes; Skin; Respiratory system.

Special Health Effects

Carcinogenicity	No
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Toxicology Information

Paraffin Wax Other Notes on Toxicity	Paraffin Wax toxicity has not been fully quantified. The fumes are eye, skin and mucous membrane irritants.
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6. Recommendations for Personal Protective Equipment

Conditions Under Which PPE Req'd	Normal work conditions.
Eye Protection Requirements	Safety glasses, goggles or face shield to protect against splashing.
Glove Requirements	Thermally resistant gloves should be worn.
Clothing Requirements	To avoid burns, use long-sleeved, long-legged clothing.
Change/Removal of Clothing	Not required unless molten adhesive has been splashed on clothing and passes through fabric.
Wash Requirements	None
Respirator Requirements	No respiratory protection is recommended while working with this material. However, if operation conditions create high vapor or mist concentration, use of an approved respirator is recommended.
Ventilation Requirements	General; local.

7. Reactivity

Stability	Stable
Incompatibilities	Water when molten
NFPA Reactivity Hazard Class	0 = Insignificant
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide, unknown hydrocarbons.
Hazardous Polymerization	Will not occur.

8. Spill and Leak Procedures

Spill or Leak Procedures	Allow to cool and solidify. Scrape up and collect in suitable containers for disposal.
Waste Disposal Methods	Waste disposal should be in accordance with existing Federal, State and Local environmental regulations.

9. Handling and Storage Precautions

Storage Temperature	0 - 100° F
Handling / Storage	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.

10. Shipping Information

DOT Shipping Name	Adhesive N.O.I.
DOT Hazard Class	Non-Hazardous
DOT Reportable	None
United Nations Number	None
United Nations Class	None

11. Other Regulatory Information

TSCA	All components are on the TSCA inventory.
FDA	21CFR175.105
SARA / Title III	This product contains no substances at or above the reporting threshold under Section 313, based on data available.

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