

# MATERIAL SAFETY DATA SHEET

(B)

Adhesive Compounders Inc.

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## Section 1

## PRODUCT AND COMPANY IDENTIFICATION

Product Name: # 3H-005-4

Company Address: Adhesive Compounders Inc.  
326 SW 5<sup>th</sup> St.  
Des Moines, IA., U.S.A. 50309

Tel: (515) 244-0396  
(800) 325-6630

Product use: Hot Melt Adhesive

## Section 2

## HAZARDS IDENTIFICATION

### Emergency Overview:

Physical state:	Solid	HMIS:	
Color:	Off white	HEALTH:	1
Odor:	Resinous	FLAMMABILITY:	1
		REACTIVITY:	0
		Personal Protection:	See Section 8

**WARNING:** Molten adhesive may cause severe burns. Vapors above molten adhesive may cause eye, skin, and respiratory tract irritation.

### Potential Health Effects

**Eye Contact:** Molten adhesive in eyes will cause severe damage. Heated vapors may cause slight irritation.

**Inhalation:** Continuous breathing of vapors above molten adhesive may irritate mucous membranes.

**Ingestion:** No hazard in normal industrial use.

**Skin Contact:** Molten adhesive may cause severe burns. Solid adhesive has no hazards.

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

**Carcinogenicity Information:** Does not contain any hazardous ingredients.

## Section 3

## COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Components</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
None				

## Section 4

## First Aid Measures

Solid product is neither an irritant nor gives off hazardous vapors at ambient temperatures.

**Eye contact:** If eye contact occurs with molten material immediately cool with water. Do not remove adhesive. Seek medical attention.

**Skin contact:** Contact with heated material may cause thermal burns. Cool immediately with cold water. Do not attempt to remove material. Seek medical attention.

**Ingestion:** Do not induce vomiting. Get medical attention if symptoms develop.

**Inhalation:** Remove affected person to fresh air. Get medical attention if symptoms develop.

**Section 5****FIRE FIGHTING MEASURES****Flammable Properties:**

<b>Flash Point:</b>	Not applicable
<b>Autoignition temperature:</b>	Not applicable
<b>Upper flammability limit:</b>	Not applicable
<b>Lower flammability limit:</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.

**Section 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. Allow molten material to cool before attempting to remove. Sweep up spilled material.

**Section 7****HANDLING AND STORAGE**

<b>Handling:</b>	Avoid contact with molten material. Avoid prolonged breathing of hot vapors.
<b>Storage:</b>	Store away from heat.
<b>Incompatible products:</b>	No special restrictions on storage with other products.

**Section 8****EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>Engineering controls:</b>	Heat only in areas with appropriate exhaust ventilation.
<b>Respiratory protection:</b>	No respiratory protection required under normal use conditions.
<b>Skin protection:</b>	Gloves and long sleeved clothing are recommended when working with molten material.
<b>Eye/face protection:</b>	Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists.
<b>General hygiene practice:</b>	Wash hands after use.

**Section 9****PHYSICAL AND CHEMICAL PROPERTIES**

Physical state:	Solid at room temperature.
Color:	Off white.
Odor:	Resinous
Vapor pressure:	Not applicable.
pH:	Not applicable.
Boiling point/range:	Not available.
Melting point/range:	37°C (100°F) to 121°C (250°F)
Specific gravity:	0.90-1.0
Vapor density:	Not available.
Evaporation rate:	Not applicable.
Solubility in water:	Insoluble
Molecular weight:	Not available.
VOC content:	Zero

**Section 10****STABILITY AND REACTIVITY**

Stability:	Stable.
Hazardous polymerization:	Will not occur.
Hazardous decomposition products:	Burning will produce smoke, carbon monoxide and carbon dioxide
Incompatibility:	Avoid heating above 177°C (350°F).
Conditions to avoid:	Prolonged heating at temperatures above 177°C (350°F).

**Section 11****TOXICOLOGICAL INFORMATION**

Acute toxicity:	Material is considered biologically inert. Exposure to high levels of heated fumes may cause irritation.
Chronic toxicity:	None known.
ACGIH classification:	Not listed as a carcinogen.
Reproductive effects:	There is no reported data.
Mutagenicity data:	There is no reported data.
Synergistic materials:	There is no reported data.
Other health effects:	None known.
Inhalation:	No toxic effects are known to be associated with inhalation at ambient room temperature. Heating may release vapors which are irritating to the eyes, nose and respiratory tract.
Other health effects:	None known.

**Section 12****ECOLOGICAL INFORMATION**

No data has been developed on this subject. This product is not soluble in water, and is not expected to cause an adverse environmental effect.

**Section 13****DISPOSAL CONSIDERATIONS**

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

**EPA hazardous waste number:** This product is not a hazardous waste according to US RCRA and Canadian CEPA Regulations.

**Section 14****TRANSPORT INFORMATION**

**US DOT information:**  
**Shipping name:** Not regulated as a Hazardous Material for Transportation.

**Canadian TDG information:**  
**Shipping name:** Not regulated as a Hazardous Material for Transportation.

**International Air Transportation:**  
**Shipping name:** Not regulated as a Hazardous Material for Transportation.

**Section 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.

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

**CERCLA/SARA Section 311/312:** Not classified as hazardous.

**CERCLA/SARA 313:** Not classified as hazardous.

**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 Domestic Substances List.

**WHMIS hazard class:** Not controlled.

**CONEG Status:** Complies with regulation.

**Ozone Depleting Substances:** Complies with Clean Air Act Amendment of 1990.

**Section 16****OTHER INFORMATION**

**Information sources:** Suppliers Material Safety Data Sheets

**Revision history:** Change of format.

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