

Material Data Safety Sheet**SECTION I. Product and Company Identification****Company Information**

Heartland Adhesives & Coatings Inc.
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MSDS Information

Preparation Date: 04-03-07
 Supercedes:
 Prepared By: Clark Bailly
 Phone Number: (262)255-9171

Product Information

Product Name: H648
 Product Description (product use): Fly Trap Adhesive

SECTION II. Composition/Information on Ingredients

This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Workplace Hazardous Materials Information System (WHMIS). Unlisted ingredients are not "hazardous" per the OSHA standard and/or are not found on the WHMIS ingredient disclosure list.

<u>Chemical/CAS #</u>	<u>Percent</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
White Mineral Oil	10-20%	5 mg/m ³ (oil mist)	5 mg/m ³ (oil mist)

See Section XVI. For additional information

SECTION III. Hazards Identification**Emergency Overview**

Vapors/Fumes may be irritating when material is molten. Contact with molten material will cause burns.

Potential Health Effects

Eyes: Vapors and fumes released at molten temperatures may cause irritation.

Skin: No known effect.

Inhalation: Vapors or fumes released at molten temperatures may cause irritation of the nose, throat, and respiratory tract. Overexposure to these vapors may cause headaches and dizziness.

Ingestion: Not an anticipated route of exposure. Small amounts are not anticipated to be harmful.

Chronic: No anticipated chronic effects.

Regulated Carcinogen Status:

This product does not contain regulated levels of NTP, IARC, ACGIH or OSHA listed carcinogens.

Existing Health Conditions Affected by Exposure: No known effect on other illnesses.

SECTION IV. First Aid Measures

For Burns Caused by Molten Product: Immerse contact area immediately in cold, clean water. Do not attempt to remove set product. Removal could result in severe tissue damage. Cover contact area with clean wet compresses and take subject to physician immediately.

NOTE TO PHYSICIAN: Material should not be forcibly pulled from the skin. Mineral oil may be used to loosen the material.

If Vapors Inhaled: Remove subject to fresh air. Call a physician if symptoms persist.

If Ingested: 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.

SECTION V. Fire Fighting Measures

Flash Point: Greater than 450°F

Upper Explosive Limit/Lower Explosive Limit: Not Applicable

Auto-ignition Temperature: Not Applicable

Appropriate Extinguishers: Carbon Dioxide, dry chemical, chemical foam, or water fog. Using a direct, straight water stream may tend to spread a fire.

Special Fire Fighting Procedures: Avoid using direct straight water stream on molten material to reduce splattering and spreading of the fire.

Unusual Fire and Explosion Hazards: None known

Hazardous Combustion Product: Incomplete combustion can yield low molecular weight hydrocarbons, carbon monoxide.

SECTION VI. Accidental Release Measures

Spill or Leak Procedures: Allow molten material to solidify at room temperature, scrape up and place in a disposable container.

SECTION VII. Handling and Storage

Handling Information

Avoid breathing vapors/fumes of heated product. Prevent contact with molten product.

Storage Information

Consult the Technical Data Sheet (TDS) for specific storage instructions.

SECTION VIII. Exposure Controls/Personal Protection

Eye Protection: Wear safety glasses to reduce potential for eye contact, a face shield is appropriate if splashing of molten product is likely. Have eye washes available where eye contact can occur.

Skin Protection: At elevated temperatures, prevent contact by wearing thermally protective gloves and a long sleeved shirt. Provide a cold water source for burn treatment.

Respiratory Protection: Not normally required. Use NIOSH/MSHA approved respirator if conditions warrant.

Ventilation: Hot melts should be used with good ventilation. At molten temperatures, use of local exhaust over the pre-melting reservoir is encouraged.

SECTION IX. Physical and Chemical Properties

Physical state:	Solid
Color:	Characteristic color
Odor:	Neutral
Odor Threshold:	Not established
Weight per Gallon:	7.5 lbs
Specific Gravity:	.86
pH:	Not applicable
Boiling range:	Not applicable (as supplied)
Freezing/Melting point:	Not established
Vapor Pressure:	Not established
Vapor Density:	Not applicable
Evaporation Rate:	Not applicable
Water/Oil partition Coefficient:	Not established
VOC:	Negligible levels of volatile organic compound emissions are expected at ambient temperature and pressure. Low molecular weight hydrocarbons may be emitted at molten temperatures. Emissions data is best developed by monitoring actual plant conditions.

SECTION X. Stability and Reactivity Data

Stability: Stable

Incompatibility: Not established

Hazardous Polymerization: Will not occur

SECTION XI. Toxicological Information

No Data Available

SECTION XII. Ecological Information

No Data Available

SECTION XIII. Disposal Considerations

To the best of our knowledge this product does not meet the definition of a hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Dispose of in an approved landfill. Consult state, local or provincial authorities for more restrictive requirements.

SECTION XIV. Transportation Information

United States Department of Transportation (DOT)

DOT Proper Shipping Name: Not Regulated

In our opinion the information provided herein may be used to transport this product in compliance with Canadian Transportation of Dangerous Goods.

SECTION XV. Regulatory Information

Federal

Toxic Substances Control Act (TSCA)

Section 8(b) - Inventory Status

All components of this product are registered under the regulations of the Toxic Substances Control Act.

SARA Title III.

Section 313: This product does not contain regulated levels of any toxic chemical subject to the reporting requirements of section 313 of Title III. Of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR part 372

State Regulations

California Proposition 65: Proposition 65, The Safe Drinking Water and Toxic Enforcement Act of 1986:

This product does not contain known levels of any chemical known to the State of California to cause cancer or cause reproductive damage.

WHMIS Identification/Other International Regulations

Not regulated

SECTION XVI. Additional Information

HMIS Rating

Health-1

Flammability-1

Reactivity-0

See Section VIII: Exposure Controls/Personal Protection for personal protective equipment recommendations.

The information and recommendations contained herein are believed to be accurate. Because some of the information is derived from information provided to Heartland Adhesives & Coatings from its suppliers, Heartland Adhesives & Coatings makes no warranty, expressed or implied, regarding the accuracy of the data or the results to be obtained from the use thereof. The information is supplied solely for your information and consideration, and Heartland Adhesives & Coatings assumes no responsibility from use or reliance thereon. It is the responsibility of the user of Heartland Adhesive & Coatings products to comply with all applicable federal, state and local laws and regulations.