

**WARREN ADHESIVES, INC.**  
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**MATERIAL SAFETY DATA SHEET**

**DATE PUBLISHED: 2/18/2013**

**TRADE NAME: HM 6405**

MSDS sheets are re-written every (2) year's or/as  
 OSHA, Federal or State regulations are revised.

**SYNONYMS: Hot Melt Adhesive**

**INGREDIENTS**

<b>Material or Component</b>	<b>Cas No.</b>	<b>Hazard Data</b>
Contains no ingredients Subject to requirements of OSHA Hazard Communication Standards (29CFR1910.1200)		

**PHYSICAL DATA**

Boiling Point:	N/A	Softening Point:	Approx. 170 °F
Specific Gravity:	0.99	Vapor Pressure:	N/A
Vapor Density:	N/A	Solubility in Water:	N/A
% Volatiles By Vol.:	N/A	Evaporation Rate:	N/A
Appearance & Odor:	Amber / Resin	pH (as is):	N/A

**VOC:** No levels of volatile organic compound emissions are expected at ambient temperature and pressure. Low molecular weight hydrocarbons may be emitted at application temperature. Monitoring actual plant conditions best develops emission data.

**FIRE AND EXPLOSION DATA**

Flash Point (Test Method): > 500°F CoC	Autoignition Temperature :
Flammable Limits In Air:	N/A Lower: N/A Upper: N/A
Extinguishing Media:	CO , chemical foam and dry chemical
Special Fire Fighting Procedures:	Avoid getting water on hot melt to avoid spreading fire.
Unusual Fire & Explosion Hazard:	None known

**HEALTH HAZARD INFORMATION**

<b>Health Hazard Data</b>	<b>Hazard Classification</b>	<b>Source</b>
Inhalation:	Non to mild irritant	Supplier
Skin Contact:	Causes severe burns when hot	Supplier
Skin Absorption:	Non irritant Avoid contact with hot glue	Supplier
Eye Contact:	Causes severe burns when hot	Supplier
Ingestion:	Non to mild irritant	Supplier

**EFFECTS OF OVEREXPOSURE**

Acute Overexposure:	None at ambient temperatures. Excessive high temperatures may produce irritating fumes.
Chronic Overexposure:	Unknown

**EMERGENCY AND FIRST AID PROCEDURES**

Eyes:	Seek immediate medical attention.
Skin:	For burns, immerse contact area in cold water immediately. Do not attempt to remove set hot melt from skin.
Inhalation:	Remove to fresh air.
Ingestion:	None

**REACTIVITY DATA**

Conditions Contributing To Instability: Stable

Incompatibility: Contact with strong oxidizing substances

Hazardous Decomposition Products: Thermal decomposition products include CO, CO2 and smoke

Conditions Contributing To Hazardous Polymerization: Will not occur

**DISPOSAL, SPILL OR LEAK PROCEDURES**

Aquatic Toxicity:

Waste Disposal Method: Dispose of the solid waste in accordance with existing Federal, State and Local regulations.

Steps To Be Taken If Material Is Released Or Spilled: Allow to solidify at room temperature, scoop up and put in disposal container.

**SPECIAL PROTECTION INFORMATION**

Ventilation Requirements: At application temperatures, use of local exhaust is recommended

**SPECIFIC PERSONAL PROTECTIVE EQUIPMENT**

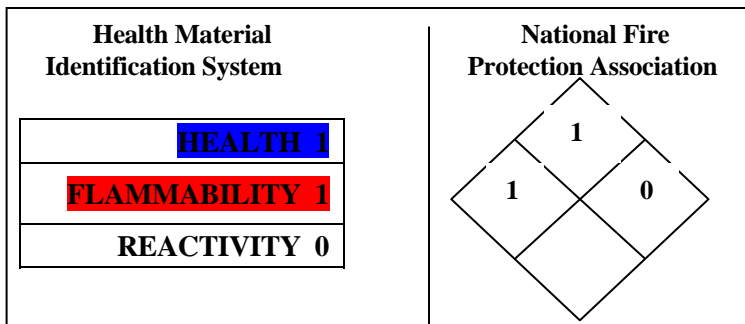
Respiratory: No special requirements

Eye: Safety glasses

Gloves: Thermally protective gloves

Other Clothing & Equipment: Cold water source for burns

**HEALTH MATERIAL IDENTIFICATION SYSTEM  
AND NATIONAL FIRE PROTECTION ASSOCIATION RATINGS**



See Specific Personal Protection section for personal protective equipment recommendations

**SPECIAL PRECAUTIONS**

Precautionary Statements:

USE EXTREME CARE WHEN WORKING WITH HOT MELTS IN THE HOT MOLTEN, FLUID STATE. SEVERE BURNS CAN RESULT IF SKIN CONTACT OCCURS.

Other Handling And Storage Requirements:

NONE

Additional Regulatory Concerns:

NONE

Federal:

State:

Other:

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