



1260 S. OLD STATE ROAD 67  
 MOORESVILLE, IN 46158  
 (317) 834-5415

\*\*\* MATERIAL SAFETY DATA SHEET \*\*\*

Created On: 11/7/2003

Revision Date: 2/22/2005

1. Product Identification

PRODUCT TYPE.....Hot Melt Adhesive  
 PRODUCT NAME.....Hot Melt Adhesive  
 PRODUCT CODE.....HM511 **UD511**  
 CHEMICAL FAMILY.....Thermoplastic Adhesive  
 SYNONYM NAME.....Hot Melt Adhesive

2. Hazardous Ingredients

Chemical Name	CAS Number	Percent	OSHA PEL

HMIS CODES: H 0                      F 1                      R 0                      P X

3. Physical Data

PHYSICAL FORM.....Solid  
 APPEARANCE/PHYSICAL DESCRIPTION.....Amber  
 PH AS IS.....Not established  
 BOILING POINT.....Not established  
 MELTING POINT.....176F  
 SPECIFIC GRAVITY (WATER = 1).....0.88  
 VAPOR PRESSURE (mmHg).....Not established  
 VAPOR DENSITY.....Not established

4. Fire and Explosion Data

AUTO IGNITION.....Not established  
 FLASH POINT.....>400°F  
 UPPER EXPLOSIVE LIMIT (%).....Not established  
 LOWER EXPLOSIVE LIMIT (%).....Not established  
 EXTINGUISHING MEDIA.....Carbon Dioxide, Dry Chemical, Chemical Foam.  
 SPECIAL FIRE FIGHTING PROCEDURES.....Avoid using water on molten material to reduce splattering and spreading.  
 FIRE & EXPLOSION HAZARDS.....None known  
 NFPA FLAMMABILITY HAZARD CLASS.....Not regulated

5. Health Effects Data

SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRY.....SKIN CONTACT  
 ACUTE EFFECTS.....Not irritating at room temperature. Contact with product at elevated temperatures will result in burns.  
 ROUTE OF ENTRY.....EYE CONTACT

5. Health Effects Data (continued)

ACUTE EFFECTS .....	Vapors and fumes may cause irritation.
ROUTE OF ENTRY .....	INHALATION
ACUTE EFFECTS .....	Vapors and fumes may cause irritation of the nose, throat and respiratory tract.
ROUTE OF ENTRY .....	INGESTION
ACUTE EFFECTS .....	Not an anticipated route of exposure.

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. As supplied: remove as foreign body.

SKIN:

For hot product, immediately immerse in or flush affected area with large amounts of cold water to dissipate heat. Cover with clean gauze and get immediate medical attention. Coat with mineral oil to soften solidified material before removal.

INHALATION:

Remove to fresh air. Seek medical attention if symptoms persist.

INGESTION:

Treat symptomatically. Seek medical attention immediately.

LONG-TERM EFFECTS OF EXPOSURE

CARCINOGENICITY ..... NO

TOXICOLOGY INFORMATION

NOTES ON ORAL TOXICITY .....	Non Toxic
NOTES ON DERMAL TOXICITY .....	Non Toxic
NOTES ON INHALATION TOXICITY .....	Non Toxic
NOTES ON EYE IRRITATION .....	May be mildly irritating, as with any foreign material in the eye.

6. Personal Protective Equipment

EYE PROTECTION REQUIREMENTS .....	Wear safety glasses when handling this product. Wear chemical goggles if there is likelihood of contact with side shields.
GLOVE REQUIREMENTS .....	Thermally resisting gloves should be worn when working with heated product.
CLOTHING REQUIREMENTS .....	Employee must wear appropriate protective clothing (long sleeve shirt) and equipment to prevent any possibility of skin contact with this substance.
CHANGE/REMOVAL OF CLOTHING.....	NOT NOTED
WASH REQUIREMENTS .....	Wash with soap and water for unheated product.
RESPIRATOR REQUIREMENTS .....	Use NIOSH approved respirator device if ventilation conditions are not sufficient to eliminate symptoms.
VENTILATION REQUIREMENTS .....	Local exhaust over premelter is recommended for heated product.

7. Reactivity

STABILITY..... Stable under normal conditions.  
 INCOMPATIBILITIES..... Not Established  
 HAZARDOUS DECOMPOSITION PRODUCTS..... Carbon Monoxide, Carbon Dioxide  
 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 container for disposal.  
 WASTE DISPOSAL METHODS..... Waste disposal should be in accordance with existing federal, state and local environmental regulations. This product does not meet the definition of hazardous waste as defined by EPA Hazardous Waste Regulations, 40CFR261.

9. Handling and Storage Recommendations

STORAGE TEMPERATURE..... <120°F  
 HANDLING/STORAGE..... Product will pick up moisture. Keep in closed container.

10. Transportation Information

DOT SHIPPING NAME..... Not regulated  
 DOT HAZARD CLASS..... Not noted  
 DOT REPORTABLE QUANTITY..... Not noted

11. Other Regulatory

TSCA INVENTORY..... This product is in compliance with TSCA Inventory requirements.

SARA TITLE III Section 313.....

Chemical Name	CAS Number	Percent

CALIFORNIA PROPOSITION 65..... This product contains the following materials in levels determined by the State of California to cause cancer or reproductive harm:

Chemical Name	CAS Number	Percent

"OUR SERVICE ENGINEERS ARE AVAILABLE TO HELP PURCHASERS OBTAIN BEST RESULTS FROM OUR PRODUCTS, AND RECOMMENDATIONS ARE BASED ON TEST AND INFORMATION BELIEVED TO BE RELIABLE. HOWEVER, WE HAVE NO CONTROL UNDER WHICH OUR PRODUCTS ARE TRANSPORTED TO, STORED, HANDLED OR USED BY PURCHASERS AND, IN ANY EVENT, ALL RECOMMENDATIONS AND SALES ARE MADE ON CONDITIONS THAT WE WILL NOT BE HELD LIABLE FOR ANY DAMAGES RESULTING FROM THEIR USE. NO REPRESENTATIVE OF OURS HAS ANY AUTHORITY TO WAIVE OR CHANGE THIS PROVISION."