

Material Safety Data Sheet

Industrial Adhesives Of Indiana

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Emergency Number 800-535-5053

Product Name: HR160/HR165

Product Name

Melemine Adhesive

Product Code

HR160 HR165

Manufacturer

Industrial Adhesives of Indiana
5616 Massachusetts Ave.
Indianapolis, IN 46218

1. PRODUCT IDENTIFICATION

Produced Identification	White, milky liquid
Produced Name	EVA-Urethane Polymer
Synonyms	None
Generic Name	NA
Chemical Name	Ethylene Urethane polymer in water
Product CAS Number	9003-20-7

2. COMPONENTS

Chemical Name	CAS Number	Weight Percentage
Water	7732-18-5	59-61
Vinyl Acetate-Ethylene	9003-20-7	39-41
Urethane	108-05-4	<.05
Hydrolyzed Polyvinyl Alcohol	9002-89-5	>1

3. EMERGENCY AND FIRST AID PROCEDURES

EMERGENCY OVERVIEW AND FIRST AID INFORMATION

A white, milky liquid with a slight vinegar odor. May cause skin irritation, may cause eye irritation.

Vinyl acetate monomer can cause eye and respiratory irritation at high air concentrations.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician

Inhalation: If inhaled, remove to fresh air, If not breathing give artificial respiration is breathing

Ingestion: If swallowed, do not induce vomiting. If patient is conscious, give several glasses

4. FIREFIGHTING MEASURES

Hazard Ranking

Hazard	1
Flammability	0
Reactivity	0
Other	0

Flash Point	Aqueous System
Method	Not Determined
Lower Explosion Limit	Not Determined
Minimum Ignition Temp	Not Determined

Extinguishing Media

Aqueous product, for fires involving dried material, use water, carbon dioxide, dry chemicals or foam.

Unusual Fire and Explosion Hazards

None

Thermal Decomposition

Carbon monoxide, Carbon Dioxide

Fire Fighting Guidance

If product is present in fire and threat of decomposition exists, wear self contained breathing apparatus with full face piece.

5. SPILL OR LEAK PROCEDURES

Build Dike to contain flow. Soak up with sawdust, sand oil dry or other absorbent material. Use appropriate personal equipment during cleanup, treatment, storage, transportation, and disposal must be in accordance with Federal, State, Local Regulations. Soak up with absorbent material and place material in paper carton. Landfill according to regulations.

6. SPECIAL PROTECTION INFORMATION

Emergency Overview:	White colored water-based adhesive. Slippery in the wet state.
Ventilation:	Use with adequate ventilation. For normal use, ordinary air movement is sufficient.
Ingestion:	No hazard expected in normal industrial use. Ingestion is not a likely route of exposure.
Respiratory:	This product can produce a mild respiratory tract irritation in confined areas under EXTREME conditions.
Protective Gloves:	Protective gloves should be worn when repeated or long contact with skin is exposed.
Eye Protection:	Wear Safety Glasses or other eye/face protection. Substance may cause moderate eye irritation.

7. PHYSICAL DATA

Physical State	Liquid	Vapor Pressure	Same as Water
Color	Milky white	Vapor Density	Same as Water
Odor	Slight Vinegar	Water Solubility	Miscible
Boiling Point	100 C.	Bulk Density	Not Determined
Freezing Point	Not Determined	Specific Gravity	1.1
Melting Point	Not Determined	Evaporation Rate	Same as Water
PH	4-7	Hazardous Polymerization	Will not occur
Stability	Stable	Conditions to Avoid	None Known

8. STABILITY AND REACTIVITY

Stability:	This product is stable
Hazardous Polymerization:	Hazardous polymerization will not occur
CONDITIONS TO AVOID:	none known
INCOMPATIBILITY:	Strong acids and bases.
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon may be released during combustion.

9. TOXICOLOGICAL, ECOLOGICAL, DISPOSAL

Acute and chronic health effects are not expected as long as good industrial hygiene and safety precautions are followed. This product has not been tested for environmental effects.

WASTE DISPOSAL:

Disposal of this product must comply with all applicable federal, state and local regulations.

CONTAINER DISPOSAL:

Disposal of this container should comply with all applicable federal, state and local regulations.

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