



Blair Rubber Company MATERIAL SAFETY DATA SHEET

HyBond Plus Adhesive

1. IDENTIFICATION OF THE SUBSTANCE AND COMPANY

Trade Names:	HyBond Plus Adhesive	Emergency Phone Number:	800-424-9300
Description:	Urethane Adhesive	International Number:	202-483-7616
Company Identification:	Blair Rubber Company 5020 Panther Parkway Seville, OH 44273	Information Number:	330-336-6604
		Date Prepared:	August 1, 2001
		Date Printed:	February 22, 2011

2. COMPOSITION/INFORMATION ON THE HAZARDOUS COMPONENTS

<u>Hazardous Components</u>	<u>CAS No.</u>	<u>Wt. %</u>	<u>ACGIH - TLV</u>	<u>OSHA - PEL</u>	<u>Carcinogenicity</u>		
					<u>NTP</u>	<u>IARC</u>	<u>ACGIH</u>
Methylene Bis (phenylisocyanate)	101-68-8	2 - 6	0.005 ppm	0.02 ppm	No	No	No
Methylene Bis (phenylisocyanate) isomers	26447-40-5	<1	0.005 ppm	0.02 ppm	No	No	No

NE - Not Established/Known
NA ñ Not Applicable

TLV ñ Threshold Limit Value
ND ñ No Data

PEL ñ Permissible Exposure Limit

3. PHYSICAL AND CHEMICAL PROPERTIES

Appearance.....: Black	Odor.....: ND	Physical State.....: Viscous Liquid
Specific Gravity.....: 0.98	Solubility in H₂O : N/A	Boiling Point.....: N/A
Vapor Pressure.....: N/A	Vapor Density.....: N/A	
Melting Point.....: N/A	% Volatiles.....: <5%	

Note: The physical data presented above are typical values and not to be construed as a specification

4. FIRE AND EXPLOSION HAZARD

Flash Point.....: 300F

Auto ignition.....: NE

EXTINGUISHING MEDIA: Water fog, Regular foam

FIRE FIGHTING PROCEDURES/EQUIPMENT: Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH-approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

5. REACTIVITY DATA

CHEMICAL STABILITY: Stable under normal conditions of use.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Avoid contact with water, acids, bases, alcohols, and metal compounds.



HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen, various hydrocarbons, hydrocyanic acid. Combustion products from polymeric compounds must be considered toxic.

6. HEALTH HAZARDS IDENTIFICATION

HMIS RATINGS

Health - 1

Flammability - 0

Reactivity - 0

Personal Protection - B

PRIMARY ROUTES OF EXPOSURE: Eye, Skin, Inhalation (breathing), Ingestion (swallowing).

EYE CONTACT: Can cause eye irritation evidenced by tearing, stinging, redness and swelling.

SKIN CONTACT: Can cause skin irritation and/or dermatitis.

INHALATION (Breathing): Irritation, coughing, and allergic respiratory sensitization.

INGESTION (Swallowing): Not expected under normal handling.

TARGET ORGANS: Liver, Blood, Reproductive, Lung, Skin, Spleen.

EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT: Flush eyes with water for at least 15 minutes. Get prompt medical attention.

SKIN CONTACT: Remove contaminated clothing. Wash with soap and warm water. Launder clothing before reuse. If irritation develops, consult a physician.

INHALATION (Breathing): Move individual away from exposure to fresh air. If breathing is difficult, give oxygen. If symptoms develop, seek immediate medical attention.

INGESTION (Swallowing): Do not attempt to give anything by mouth to a drowsy or unconscious person. Place individual on left side with head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. Get prompt medical attention.

7. PRECAUTIONS FOR SAFE HANDLING AND USE

ACCIDENTAL RELEASE AND/OR SPILL MEASURES: For a small spill, absorb with vermiculite or other absorbent material. For large spill, eliminate all ignition sources. Stop spill at source. Prevent run-off into drains, sewers, streams or other bodies of water. If run-off occurs, notify authorities as required. Pump or vacuum spilled product into clean containers for recovery.

WASTE DISPOSAL METHOD: Dispose of as an industrial waste in accordance with local, state and federal regulations. Dispose of as a hazardous waste in the state of California. In Canada, dispose of the material in accordance with provincial regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Empty containers of this material may still contain residues. All hazard precautions given in this data sheet must be followed. Keep away from excessive heat. Keep container closed when not in use.

OTHER PRECAUTIONS:

ENGINEERING CONTROLS/VENTILATION: If working in a confined area, local exhaust ventilation is recommended when vapors, mists, or dusts can be released.

8. CONTROL MEASURES

RESPIRATORY PROTECTION: If the workplace exposure limits of the product and/or components is exceeded, a NIOSH/MSHA approved air supply respirator is advised. Engineering and administrative controls should be implemented to reduce exposure.

VENTILATION: Product is normally used outside. None required.

PROTECTIVE GLOVES: Wear resistant gloves. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

EYE PROTECTION: Wear goggles or safety glasses.

HYGIENIC PRACTICES: Wash hands with hot or warm water and soap before eating, smoking, or using toilet facility. Do not smoke in any chemical handling or storage area. Food or beverages should not be consumed anywhere this product is handled or stored.

9. REGULATORY INFORMATION

FEDERAL: TSCA Status: The intentional ingredients of this product are listed.

SARA Title III - Section 311/312 - Hazard Categories:

N - Fire Hazard



N - Sudden Release of Pressure Hazard
N - Reactivity Hazard
Y - Immediate (Acute) Health Hazard
Y - Delayed (Chronic) Health Hazard

SARA Section 302 Extremely Hazardous Materials: None

SARA Section 313 Toxic Chemicals: Diphenylmethane Disocyanate Isomers, Methylene Bis (phenylisocyanate)

10. OTHER INFORMATION/ADDITIONAL COMMENTS

USERS RESPONSIBILITY: A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions - in addition to those described herein- are required. Any health hazard and safety information herein should be passed on to your customers or employees, as the case may be.

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The ingredients listed Composition/Information on the Components Section are embedded in the product and are provided for information.

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