



MATERIAL SAFETY DATA SHEET

(Complies with OSHA Communication Standard 29 CFR 1910.1200 Dept. of Labor)
Form approved OMB No. 1218-0072
OSHA 174 - September 1985

HMIS RATING	
HEALTH	
FLAMMABILITY	
REACTIVITY	
NFPA RATING	
HEALTH	
FLAMMABILITY	
REACTIVITY	

IDENTITY:

INSTANTBOND PG123 GLUE

Marketer's Name Must Appear Below	DOT Shipping- Consumer commodity ORM-D
Manufacturer's Name Plastic Process Equipment, Inc.	Emergency Telephone Number 1-800-535-5053
Address 8303 Corporate Park Drive	Telephone Number for Information (216) 367-7000
Macedonia, Ohio 44056	Date Prepared 10/18/07 CHECKED

Section 2- Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	IDLH	% (optional)
ETHYL-1-2- CYANOACRYLATE	NA	2ppm		95%

All chemical compounds marked with an asterisk () are toxic chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture or trade name product is sold. This statement must remain a part of this Material Safety Data Sheet.

Section 3- Physical/Chemical Characteristics

Boiling Point	Range	140°F @ 3mmHG	Specific Gravity (H ₂ O=1)	1.050
Vapor Pressure @ 70°F		0.3 at 68°F	Melting Point	NA
Vapor Density (Air=1)	Heavier than air	>1	Evaporation Rate	NA
Solubility in Water	Polymerized by water		Appearance and Odor	Transparent liquid-irritating odor

Section 4- Fire and Explosion Hazard Data

Flash Point (Method Used)	167°F CC	Flammable Limits	LEL	UEL
Extinguishing Media	CO ₂ , foam, dry chemical			
Special Fire Fighting Procedures	Fire fighters should be equipped with self contained breathing apparatus to protect against potentially toxic fumes.			
Unusual Fire and Explosion Hazards	None known			

Section 5- Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	High Temperatures

Incompatibility (Materials to avoid) Water, alkaline materials, peroxides

Hazardous Decomposition or Byproducts Decompose upon heating to release toxic fume of nitrogen oxide, carbon monoxide

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will not Occur	X	None

Section 6- Health Hazard Data

Route(s) of Entry	Inhalation?	Skin?	Ingestion?
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Health Hazards (Acute & Chronic)

Eye: flush with large amounts of water while holding eyelids open. Get medical attention immediately. Cured adhesive will not bond well to surface of eye, but corneal damage from abrasion may result. Do not wear contact lenses when working with this material. Skin, no attempt should be made to remove material from skin or to remove contaminated clothing, as the bonded skin can be easily torn. Wash with large volumes of soap and water while flexing bonded skin parts, this procedure will slowly release bonded area. Do not mechanically remove cured adhesive or attempt to pull skin apart. Inhalation, remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Get medical attention, ingestion. Immediate bonding of mouth will occur. Get medical attention.

Carcinogenicity: NONE **NTP?** NO **IARC Monographs?** NO **OSHA Regulated?** NO

Signs and Symptoms of Exposure Vapor is irritating to eyes and above TLV. Prolonged and repeated over exposure to vapor may produce allergic reaction in sensitive individuals.

Medical Conditions: Health hazards; eyes: will bond eyelids together. Skin: on contact there is immediate bonding of skin. Inhalation: vapor may be irritating to respiratory tract

Emergency and First Aid Procedures**Section 7- Precautions for safe handling and use**

Steps to be taken in case material is released or spilled Flood with water to polymerize, soak up with an inert absorbent material

Waste disposal method Polymerize as above, incinerate in accordance with EPA and local regulations.

Precaution to be taken in handling and storing STORE IN A COOL DRY PLACE UNDER 100°F

Other precautions Store below 75°F to maximize shelf life, avoid contact with eye & skin; avoid breathing of vapors.

Section 8- Control measures

Respiratory protection (Specific type) Positive down draft exhaust ventilation should be provided to maintain vapor concentration below TLV.

Ventilation	Local exhaust	yes	Special	none
	Mechanical (general)	none	Other	none

Protective gloves Polyethylene gloves recommended-do not use cotton gloves **Eye protection** Wear eye protection

Other protective clothing or equipment

Work/Hygienic practices: Do not smoke while using. Wash hands before using toilet facilities, eating, drinking.