

MATERIAL SAFETY DATA SHEET

Section 1 – Product and Company Identification					
<u>Company Identification</u> ADHESIVES TECHNOLOGY CORP. 450 East Copans Road Pompano Beach, FL 33064			<u>Emergency Phone</u> (800) 255 – 3924 (24 hours) CHEM-TEL <u>Contact Phone</u> (800) 892 – 1880 (9:00 a.m. – 5:00 p.m. EST)		
Effective Date: 02/28/08		Print Date: 02/28/08		MSDS #: MB2350	
Product Name: Miracle Bond 2350			Prepared By: Richard Boland (x107)		
Section 2 – Composition/Information on Ingredients					
Part A: Hazardous Component	CAS #	% By Weight	PEL	TLV	STEL
Bisphenol A Epoxy Resin	25085-99-8	> 50%	NE	NE	NE
Benzyl Alcohol	100-51-6	< 5%	C 50 ppm	C 100 ppm	NE
Silica Quartz	14808-60-7	20% - 50%	NE	NE	NE
Part B: Hazardous Component		% By Weight	PEL	TLV	STEL
Polyamido amine	68953-36-6	< 50%	NE	NE	NE
N,N' –Bis[3-(dimethylamino) propyl] urea	52338-87-1	< 30	NE	NE	NE
Benzyl Alcohol	100-51-6	< 5%	C 50 ppm	C 100 ppm	NE
Modified Polyamide Resin	Proprietary	> 5%	NE	NE	NE
Silica Quartz	14808-60-7	20% - 50%	NE	NE	NE
Section 3 – Hazards Identification					
Known Hazards: Part A: Skin and eye irritation. Sensitizer; Part B: Skin and eye irritation.					
Signs and Symptoms of Exposure: Part A: Eyes: Irritation. Corneal injury is not expected. Skin: Irritation. Can cause allergic skin reactions in susceptible individuals, e.g. itching, redness, swelling, etc. Inhalation: No ill effects expected. Heated vapors can cause irritation. Part B: Eyes: Irritation. Possible eye burns. Skin: Can cause irritation and skin burns. Inhalation: No ill effects expected. Heated vapors can cause irritation.					
Medical Conditions Aggravated by Exposure: Skin, eye, and respiratory conditions					
Routes of Exposure: Dermal. Inhalation.					
Carcinogenicity: IARC classifies crystalline silica as a Group I carcinogen based upon evidence among workers in industries where there has been long-term and chronic exposure (via inhalation) to silica dust. This product does not pose a dust hazard; therefore, this classification is not relevant.					
Section 4 – First Aid Measures					
Inhalation: Move to fresh air; give oxygen if breathing is difficult. Call a physician if symptoms persist.					
Eyes: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if symptoms persist.					
Skin: Wash with mild soap and water. Launder contaminated clothing before reuse.					
Ingestion: If conscious, give plenty of water; do not induce vomiting unless directed to by a physician. Call a physician.					
Other: Referral to a physician is recommended if there is any question about the seriousness of the injury/exposure. If Sensitization occurs, future contact with the material should be avoided.					
Section 5 – Fire Fighting Measures					
Flash Point: > 200° F			Flammable Limits: N/A		
Extinguisher Media: Carbon Dioxide, Dry Chemical, Water Spray, Foam					
Special Fire Fighting Procedures: Use a self-contained breathing apparatus when fighting fires involving chemicals.					
Unusual fire and Explosion Hazards: None known. Thermal decomposition products can be formed.					
Section 6 – Accidental Release Measures					
Avoid all personal contact, scoop up with spade and place in disposable metal container. Flush contaminated areas.					

Section 7 – Handling and Storage	
Avoid contact with eyes, skin and clothing. Avoid prolonged inhalation of vapors. Use with adequate ventilation. Wash thoroughly after handling. Store in a cool dry place out of direct rays of the sun. Keep from freezing. Recommended storage temperature range in between 40° and 95° F.	
Section 8 – Exposure Control/Personal Protection	
Respiratory Protection: None normally required. Use a NIOSH –approved organic vapor chemical cartridge respirator when air movement is inadequate to control vapor build-up.	
Ventilation: General (natural or mechanical induced fresh air movements)	
Eye Protection: Wear splash proof chemical goggles	
Protective Gloves: Cloth or impermeable (neoprene or rubber) gloves	
Other Protective Clothing or Equipment: Wear appropriate apparel to prevent skin contact	
Section 9 – Physical and Chemical Properties	
Appearance: Part A: White Paste; Part B: Black Paste	Specific Gravity (g/cc): Part A: 1.21; Part B: 1.21
Odor: Part A: Slight Odor; Part B: Slight Amine Odor	pH: N/A
Boiling Point: N/A	Vapor Density: N/A
Vapor Pressure: N/A	VOC Content: 3.53 g/l (when mixed)
Solubility in Water: Insoluble	Evaporation Rate: N/A
Section 10 – Stability and Reactivity	
Hazardous Polymerization: Will not occur	Stability: Stable
Incompatibility: Strong acids, peroxides, and other oxidizing agents	
Hazardous Decomposition Products: Thermal decomposition can yield CO, CO ₂ and organic Nitrogen compounds.	
Conditions to Avoid: Exposure to excessive heat and storage above 95° F will shorten shelf life	
Section 11 – Toxicological Information	
For detailed toxicological information on the components of this material, contact the address listed in Section 1.	
Section 12 – Disposal Considerations	
If the material as supplied becomes a waste, dispose in accordance with federal, state and local regulations.	
Section 13 – Transport Information	
DOT Shipping Information: (Cartridge & Bulk) – NOT REGULATED	
IATA/ICAO Shipping Name: (Cartridge & Bulk) – NOT REGULATED	
Section 14 – Regulatory Information	
Hazard Communication: This MSDS has been prepared in accordance with the federal OSHA Hazard Communication Standard.	
EPA Waste Code(s): Not regulated by EPA as a hazardous waste	
HMIS Codes: A: Health 2, Flammability 1, Reactivity 0, PPE B; B: Health 3, Flammability 1, Reactivity 0, PPE B	
SARA Title III, Section 313: None	
TSCA Inventory Status: Chemical components listed on TSCA inventory	
Abbreviations: PEL = OSHA Permissible Exposure Limit. TLV = ACGIH Threshold Limit Value. C = Ceiling. STEL = Short Term Exposure Limit. NE = None Established. NA = Not Applicable. ppm = parts per million	
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