

## MATERIAL SAFETY DATA SHEET

<b>Section 1 – Product and Company Identification</b>					
<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: 05/18/09		Print Date: 05/18/09		MSDS #: SLV302	
<b>Product Name:</b> Crackbond SLV302			<b>Prepared By:</b> Richard Boland (x107)		
<b>Section 2 – Composition/Information on Ingredients</b>					
<b>Part A: Hazardous Component</b>	<b>CAS #</b>	<b>% By Weight</b>	<b>PEL</b>	<b>TLV</b>	<b>STEL</b>
Diglycidyl Ether of Bisphenol A	25085-99-8	> 40%	NE	NE	NE
Cresyl Glycidyl Ether	2210-79-9	< 10%	NE	NE	NE
Neopentyl Glycol Diglycidyl Ether	17557-23-2	< 50%	NE	NE	NE
<b>Part B: Hazardous Component</b>	<b>CAS #</b>	<b>% By Weight</b>	<b>PEL</b>	<b>TLV</b>	<b>STEL</b>
n-aminoethylpiperazine	140-31-8	> 30%	NE	NE	NE
Nonyl phenol-	84852-15-3	< 40%	NE	NE	NE
Liquid Polyamide Resin	68605-86-7	> 10%	NE	NE	NE
Triethylentetramine (TETA)	112-24-3	> 10%	NE	NE	NE
Remaining ingredients proprietary	-	< 10%	NE	NE	NE
<b>Section 3 – Hazards Identification</b>					
<b>Known Hazards:</b> <b>Part A:</b> Skin and eye irritation. Sensitizer; <b>Part B:</b> Corrosive					
<b>Signs and Symptoms of Exposure:</b> <b>Part A:</b> 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. <b>Part B:</b> Eyes: Irritation. Possible eye burns. Skin: Can cause irritation and skin burns. Inhalation: No ill effects expected. Heated vapors can cause irritation.					
<b>Medical Conditions Aggravated by Exposure:</b> Skin, eye, and respiratory conditions					
<b>Routes of Exposure:</b> Dermal. Inhalation.					
<b>Carcinogenicity:</b> This product contains no listed carcinogens according to IARC, ACGIH, NTP and/or OSHA in concentrations of 0.1 percent or greater.					
<b>Section 4 – First Aid Measures</b>					
<b>Inhalation:</b> Move to fresh air; give oxygen if breathing is difficult. Call a physician if symptoms persist.					
<b>Eyes:</b> Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if symptoms persist.					
<b>Skin:</b> Wash with mild soap and water. Launder contaminated clothing before reuse.					
<b>Ingestion:</b> If conscious, give plenty of water; do not induce vomiting unless directed to by a physician. Call a physician.					
<b>Other:</b> 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.					
<b>Section 5 – Fire Fighting Measures</b>					
<b>Flash Point:</b> <b>Part A:</b> > 300° F. <b>Part B:</b> > 200° F			<b>Flammable Limits:</b> N/A		
<b>Extinguisher Media:</b> Carbon Dioxide, Dry Chemical, Water Spray, Foam					
<b>Special Fire Fighting Procedures:</b> Use a self-contained breathing apparatus when fighting fires involving chemicals.					
<b>Unusual fire and Explosion Hazards:</b> None known. Thermal decomposition products can be formed.					
<b>Section 6 – Accidental Release Measures</b>					
Avoid all personal contact, scoop up with spade and place in disposable metal container. Flush contaminated areas.					
<b>Section 7 – Handling and Storage</b>					
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.					
<b>Section 8 – Exposure Control/Personal Protection</b>					

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<b>Respiratory Protection:</b> None normally required. Use a NIOSH –approved organic vapor chemical cartridge Respirator when air movement is inadequate to control vapor build-up.					
<b>Ventilation:</b> General (natural or mechanical induced fresh air movements)					
<b>Eye Protection:</b> Wear splash proof chemical goggles					
<b>Protective Gloves:</b> Cloth or impermeable (neoprene or rubber) gloves					
<b>Other Protective Clothing or Equipment:</b> Wear appropriate apparel to prevent skin contact					
<b>Section 9 – Physical and Chemical Properties</b>					
<b>Appearance:</b> Part A: Clear Liquid; Part B: Amber Liquid			<b>Specific Gravity (g/cc):</b> Part A: 1.10; Part B: 0.97		
<b>Odor:</b> Part A: Slight Odor; Part B: Slight Amine Odor			<b>pH:</b> N/D	<b>Boiling Point:</b> N/A	
<b>Vapor Density:</b> Non-volatile		<b>Vapor Pressure:</b> N/A		<b>VOC Content:</b> 0.00 g/l (when mixed)	
<b>Solubility in Water:</b> Insoluble			<b>Evaporation Rate:</b> Non-volatile		
<b>Section 10 – Stability and Reactivity</b>					
<b>Hazardous Polymerization:</b> Will not occur			<b>Stability:</b> Stable		
<b>Incompatibility:</b> Strong acids, peroxides, and other oxidizing agents					
<b>Hazardous Decomposition Products:</b> Thermal decomposition can yield CO, CO <sub>2</sub> and organic Nitrogen compounds.					
<b>Conditions to Avoid:</b> Exposure to excessive heat and storage above 95° F will shorten shelf life					
<b>Section 11 – Toxicological Information</b>					
For detailed toxicological information on the components of this material, contact the address listed in Section 1.					
<b>Section 12 – Ecological Information</b>					
<i>Ecotoxicity Effects:</i>		<b>Aquatic Toxicity:</b> No data is available		<b>Toxicity to other Organisms:</b> Not data is available	
<i>Persistence and degradability:</i>		<b>Mobility:</b> No data available		<b>Bioaccumulation:</b> No data available on product itself	
<b>Section 13 – Disposal Considerations</b>					
If the material as supplied becomes a waste, dispose in accordance with federal, state and local regulations.					
<b>Section 14 – Transport Information</b>					
<b>DOT Shipping Information:</b> CARTRIDGE - Consumer commodity, ORM-D					
BULK: Corrosive Liquids, NOS (aminoethylpiperazine, nonylphenol), Class 8, UN 1760, PG III.					
<b>ICAO Shipping name:</b>					
CARTRIDGE: Corrosive Liquids, NOS (aminoethylpiperazine, nonylphenol), Class 8, UN 1760, PG III, Ltd Qty.					
BULK: Corrosive Liquids, NOS (aminoethylpiperazine, nonylphenol), Class 8, UN 1760, PG III.					
<b>IATA Shipping name:</b>					
CARTRIDGE & BULK: Corrosive Liquids, NOS (aminoethylpiperazine, nonylphenol), Class 8, UN 1760, PG III.					
<b>Section 15 – Regulatory Information</b>					
<b>Hazard Communication:</b> This MSDS has been prepared in accordance with the federal OSHA Hazard Communication Standard.					
<b>EPA Waste Code(s):</b> Not regulated by EPA as a hazardous waste					
<b>SARA Title III, Section 313:</b> This product contains no chemicals which are subject to reporting under Section 313 of SARA Title III					
<b>Section 16 – Other Information</b>					
<b>HMIS Rating</b>	<b>Part A</b>	<b>Part B</b>	<b>NFPA Hazard Rating</b>	<b>Part A</b>	<b>Part B</b>
<b>Health</b>	1	2	<b>Health</b>	1	2
<b>Flammability</b>	1	1	<b>Flammability</b>	1	1
<b>Reactivity</b>	0	0	<b>Reactivity</b>	0	0
<b>PPE</b>	B	B			
<b>TSCA Inventory Status:</b> Chemical components listed on TSCA inventory					
<b>Abbreviations:</b> PEL = OSHA Permissible Exposure Limit; TLV = ACGIH Threshold Limit Value; C = Ceiling; STEL = Short Term Exposure Limit; NE = None Established; NA = Not Applicable. ND = Not Determined; ppm = parts per million					
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