

MSDS #: UB2100 Revision #: 07 Date: 11/02/2011

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# **MATERIAL SAFETY DATA SHEET**

Section 1 – Product and Company Id	entification								
Company Identification		Emergency Phone							
ADHESIVES TECHNOLOGY CORP			924 (24 hours)	CHEM-TEL					
450 East Copans Road	<u>C</u>	ontact Phone	,						
Pompano Beach, FL 33064		(800) 892 – 1880 (9:00 a.m. – 5:00 p.m. EST)							
Effective Date: 11/02/2011 Pr	int Date: 11/02/20	11	MSDS #: UE	MSDS #: UB2100					
Product Name: Ultrabond 2100 Prepared By: Richard Boland (x107)									
Section 2 – Composition/Information on Ingredients									
Part A: Hazardous Component	CAS#	% By Weight	PEL	TLV	STEL				
Diglycidyl Ether of Bisphenol A	25085-99-8	> 50%	NE	NE	NE				
Alkyl Glycidyl Ether	68609-97-2	< 30%	NE	NE	NE				
Ethylene Glycol	107-21-1	< 2%	C 50 ppm	C 100 ppm	NE				
Titanium Dioxide	13463-67-7	< 5%	NE	5 mg/m <sup>3</sup>	NE				
Non-Hazardous proprietary ingredients	-	< 20%	NE	NE	NE				
Part B: Hazardous Component	CAS#	% By Weight	PEL	TLV	STEL				
Nonyl phenol-	84852-15-3	< 20%	NE	NE	NE				
n-aminoethylpiperazine	140-31-8	< 20%	NE	NE	NE				
Modified Polyamido Amine	68605-86-7	> 20%	NE	NE	NE				
Diethylenetriamine (DETA)	111-40-0	< 5%	NE	NE	NE				
Ground Limestone	1317-65-3	< 20%	5 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	NE				
Ceramic Microspheres	1302-76-7	> 15	5 mg/m <sup>3</sup>	NE	NE				
Non-Hazardous proprietary ingredients	-	< 20%	NE	NE	NE				
Section 3 – Hazards Identification									
Known Hazards: Part A: Skin and eye irritation. Sensitizer; Part B: Corrosive									
Known Hazards: Part A: Skin and eye irr	tation. Sensitizer;	Part B: Corrosive	е						
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Avoid contact with eyes, skin and clothing. Avoid prolonged inhalation of vapors. Use with adequate ventilation. Wash



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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 Liquid; Part B: Black Liquid		Specific Gravity: Part A: 1.1; Part B: 0.8			
Odor: Part A: Slight Odor; Part B: Slight Amine Odor		pH: N/D	Boiling Point: N/A		
Vapor Density: Non Volatile	Vapor Density: N/A	VOC Content: 51.0 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<sub>2</sub> 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 of this MSDS.

### 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: Consumer commodity, ORM-D

BULK: Corrosive Liquids, NOS (aminoethylpiperazine, nonylphenol), Class 8, UN 1760, PG III.

#### **ICAO Shipping name:**

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.

## IATA Shipping name:

CARTRIDGE & BULK: Corrosive Liquids, NOS (aminoethylpiperazine, nonylphenol), Class 8, UN 1760, PG III.

## 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

SARA Title III, Section 313: This product contains 0 – 2% ethylene glycol which is subject to reporting under Section 313 of SARA Title III

HMIS Rating	Part A	Part B	NFPA Hazard Rating	Part A	Part B
Health	2	3	Health	1	2
Flammability	1	1	Flammability	1	1
Reactivity	0	0	Reactivity	0	0
PPF	B	B			

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

To the best of our knowledge, the information contained herein is accurate. However, Adhesives Technology Corp. does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.