

## MATERIAL SAFETY DATA SHEET

8-15-00

INTERNATIONAL EPOXIES & SEALERS  
30241 COMMERCE DR.  
SAN ANTONIO, TX 33576

24 HOUR EMERGENCY TELEPHONE  
CALL INFOTRAC:(800) 535-5053  
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**SECTION 1 - PRODUCT IDENTIFICATION**

PART NUMBER: 8420  
PRODUCT NAME: Inter-Mix 60 Metal Panel Bonding Adhesive  
TRADE NAME/SYNONYMS: Inter-Mix 60 Metal Panel Bonding Adhesive  
CHEMICAL FAMILY: Epoxy Adhesive

**SECTION 11 - HAZARDOUS INGREDIENTS**

INGREDIENT	CAS NO.	WT%	PEL	TLV	STEL	UNITS	LC50 PPM	LD50	MG/KG
Part A -BASE									
Diglycidyl Ether of Bisphenol A	25068-38-6	75-95	0.1	0.1	N/A	PPM	N/A	RAT 1	1100
Silica (Fumed)	112945-52-53-6	<6	6*	10*	N/A	MG/M3	N/A	RAT 1	3160
Pigment Green	1328-53-6	<1	1*	1*	N/A	MG/M3	N/A	N/A	N/A
PART B - HARDENER									
Polyamid Curing Agent	Proprietary	35-55	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Polymercaptan Resin	Proprietary	7-15	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Aminophenol	00090-72-2	3-8	N/A	N/A	N/A	N/A	N/A	RAT 1	1200
Polyamid Resin	Proprietary	15-30	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Silica (Fumed)	112945-52-53-6	<6	6*	10*	N/A	MG/M3	N/A	RAT 1	3160
Glass Beads	65997-17-3	1-3	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Zinc Phosphate	7779-90-0	1-4	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Titanium Dioxide	13463-67-7	<1	10*	10*	N/A	MG/M3	N/A	N/A	N/A

## Symbols, Abbreviations and Notations:

N/A=Not applicable or available, C=Ceiling limit, S=Skin designation, #=Listed in SARA Title 111 Section 313, \*=If found as dust, mist or fume, l=Ingestion, A=Skin absorption, LO=Little observable effect, NO=No effect, PEL=OSHA Permissible exposure limit, TLV=ACGIH Threshold limit value, STEL= Short term exposure limit, @=Non-Haz. Ingrid. Among 5 most Predom. Subst.

**SECTION 111 - PHYSICAL DATA**

Boiling Point DEG F/C: A=500/260 (B=601/316)  
Specific Gravity: A=1.20-1.23 B=1.06-1.10  
Vapor Pressure (MM HG): A=N/A B=0 %Volatile Volume: A&B=0.0%  
Vapor Density (AIR=1): A=Heavier B=9.0 Evaporation Rate: (Water=1)0.01  
Solubility in Water: A=N/A B=Slight Water/Oil Dist COEFF: A&B=0  
Appearance and Odor: A=Green Paste/<Mild Odor B=White Paste/Mercaptan Odor  
Physical State: Paste PH: N/A Freeze Point DEG F/C: N/A  
Threshold Odor, PPM: N/A Other: N/A  
Voc: LBS/GAS=N/A; Grams/Liter=N/A; Grams Voc/Gram Solid=N/A; % Voc N/A

**SECTION 1V - FIRE AND EXPLOSION HAZARD DATA**

Classification: N/A NFPA Rating: N/A  
Combustion Products: Sulfur, Oxides of Nitrogen  
Flash Point DEG F/C: A=200F(93C) TOC/B=315F (257C)COC LEL%: N/A UEL%: N/A  
Extinguishing Media: Water, Fog, Foam, Dry Chemical, Carbon Dioxide  
UN/NA/PIN#: N/A

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Special Fire Fighting Procedures: A & B= Firefighters should wear self-contained breathing equipment.  
 Auto IGN. Temp DEG F/C: N/A  
 Unusual fire and explosion Hazards: A & B=Contact with flame or hot surfaces may produce toxic gases.  
 Explosive Power: No Impact Sensitive: No  
 Burning Rate: Low Static Sensitive: No

**SECTION V - HEALTH HAZARD DATA**

Product Guide: TLV (See Section II) STEL: (See Section II)  
 Routes of Entry: Skin contact, absorption, eye, inhalation, ingestion  
 Effects of Overexposure:  
 A&B=Causes eye irritation, may cause skin sensitization or other allergic responses. Prolonged and repeated inhalation may be harmful to respiratory system or central nervous system.  
 Listed as a suspected carcinogen: No  
 Emergency and First Aid Procedures:  
 A&B=Eye: Immediately flush with plenty of water for 15 minutes and call physician.  
 Skin: Wash thoroughly with plenty of water and soap. Inhalation: If affected, remove to fresh air and see physician.  
 Ingestion: Seek Physician immediately. Show MSDS or label. Induce Vomiting.

**SECTION VI - REACTIVITY DATA**

Stable: Yes Conditions to Avoid: A&B=Keep away from heat or flame  
 Incompatibility (Materials to Avoid): Yes Acids, Amines, Mercaptan, STRG Oxidant  
 Hazardous decomposition products: es Amines, CO, H<sub>2</sub>S, SO<sub>2</sub>, NO<sub>2</sub>  
 Hazardous Polymerization: No conditions to avoid: A&B=N/A

**SECTION VII - SPILL OR LEAK PROCEDURES**

LISTED IN : SARA Title 111, #302: NO #304, CERCLA: No #313: No  
 Steps to be taken in case material is released or spilled:  
 A&B=In case of spill: Ventilate the area, wear approved respiratory protection, wear eye/face protection, clean up with absorbent material, contain & pick-up waste materials, put in a sealed approved container.  
 Report Quantity, LB: N/A KG: N/A TPQ, LB: N/A  
 Regulations: PROV/State, WHMIS  
 Hazard Waste: No  
 No.: N/A  
 A&B=Do not empty into drains. Dispose of wastes in accordance with Federal, State, and Local regulations.

**SECTION VIII - SAFE HANDLING AND PROTECTION INFORMATION**

Respiratory Protection: Use only in well ventilated areas.  
 Ventilation-Local: Recommended Special: Keep away from heat/flame.  
 Mechanical: Required Other: N/A  
 Protective Gloves: Solvent Resistant Eye Protection: Goggles  
 Other Protective Equipment:  
 If ventilation is inadequate, wear approved respiratory equipment  
 Wear suitable protective clothing, gloves, and eye/face protection.  
 Estimated L 50, MG/KG: Yes ORAL RAT 1100; DERMAL RABBIT 1280  
 Estimated LC50, PPM: No  
 Sensitization: Yes Possible skin.  
 Irritant: Yes eyes & skin  
 Synergistic Agents: No

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**SECTION IX - SPECIAL PRECAUTIONS**

Precautions to be taken in handling and storage:

A&B=Keep in a cool place. Avoid contact with eyes and skin. Do not take internally. Wash thoroughly after using. In case of accident or illness, seek Physician immediately, show label or MSDS. Keep away from food, drink & animal feeds.

Other Precautions:

A&B=Keep out of reach of children. Keep only in original labeled containers. Always read and follow directions on product label or data sheet. Additional technical data sheets and/or material safety data sheets MSDS are available upon request.

The information and recommendations provided herein are believed to be accurate as of the date hereof. However, such information and recommendations are provided without warranty of any kind and International Epoxies & Sealers disclaims any and all liability or legal responsibility or use or reliance upon same.