

MATERIAL SAFETY DATA SHEET

International Epoxies & Sealers
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Outside the U.S. Call Collect 1 (352) 323-3500
Information Phone: (800) 451-7206

Dear Customer:

In compliance with the Superfund Amendments and Reauthorization Act (SARA Title III, Section 313), Federal Hazards Communications Regulations (WHIMS and OSHA 29 CFR 1910. 1200) and in the interest of informed use of our product, we are providing you with this Material Safety Data Sheet (MSDS).

This MSDS will be updated regularly to reflect the most recent information in our possession. Please ensure that obsolete MSDS sheets in your files for this product number are discarded.

Thank you for your continued patronage and we look forward to providing you with additional quality products and services.

Section I – Product Identification

Part Number: 8440
Product Name: 8440 Quickie – Fix (40 sec)
Trade Name/Synonyms: Quickie – Fix (40 sec)
Chemical Family: Epoxy Resin

Section II – Hazardous Ingredients

Ingredient	CAS NO.	WT%	PEL	TLV	STEEL	UNITS	LC50,PPM	LD50	MG/KG
PART A-BASE									
Diglycidyl Ether of Bisphenol A	25068-38-6	70-90	0.1	0.1	N/A	PPM	N/A	RATI	1100
Silica (Amorphous)	112945-52-5	3-8	6*	10*	N/A	MG/M3	N/A	RATI	3160
Carbon Black	01333-86-4	0-2	3.5	3.5	N/A	MG/M3	N/A	N/A	
PART B-HARDNER									
Polymercaptan	N/A	70-90	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Silica (Fumed)	112945-52-5	<5	6*	10*	N/A	MG/M3	N/A	RATI	3160
Methyl Amino Phenol	00090-72-2	3-10	N/A	N/A	N/A	N/A	N/A	RATI	1200
Titanium Dioxide	13463-67-7	1-3	10*	10*	N/A	MG/M3	N/A	N/A	N/A

Ingredients total WT% are below 100% only if all other additional components are considered non-hazardous by any Federal, State or Province, or Local Right-to-Know regulations.

Symbols, Abbreviations and Notations:

N/A= Not Applicable

C= Ceiling Limit

S= Skin Designation

#= Listed in SARA Title III Section 313

*= If found as dust, mist, or fume

I= 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 Hazardous Ingred. Among 5 most predom. Subst.

Section III – Physical Data

Boiling Point Deg F/C: A=500/260 (B=601/316)	Specific Gravity: A=1.18/B=1.20
Vapor Pressure(MM HG) A=NA B=0.01	%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 & Odor: A=Black Paste/Mild Odor	
B=White Paste/Mercaptan Odor	
Physical State: Paste	PH:N/A
Freeze Point Degree F/C: N/A	Threshold Odor,PPM: N/A
Other: N/A	
VOC: LBS/GAL=N/A, Grams/Liter=N/A, Grams VOC/Gram Solid=N/A; % VOC N/A	

Section IV – Fire and Explosion Hazard Data

Classification: N/A	NFPA Rating: N/A
Combustion Products: Sulfur, Oxides of Nitrogen	
Flash Point Degree F/C: A=200F(93C) TOC/B=315F(157C)COC. LEL%: N/A UEL%:N/A	
Extinguishing Media: Water, Fog, Foam, Dry Chemical, Carbon Dioxide	
UN/NA/PIN%:N/A	Special Firefighting Procedures: A&B=Firefighters should wear self-contained breathing equipment.
Auto Ignition Temp Degree 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 & call physician. Skin: Wash thoroughly with plenty of water and soap. Inhalation: If affected, remove to fresh air and see physician.	

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, Strong Oxidant	
Hazardous Decomposition Products: YES, Amines, CO, H ₂ S, SO ₂ , NO ₂	
Hazardous Polymerization: No conditions to avoid: A&B=N/A	

Section VII – Spill or Leak Procedures

Listed in SARA Title III, #302: NO #304, CERCLA: NO #303: 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 and 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 Waster: 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 and 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 LD50, MG/KG: YES Oral RAT 1100; Dermal Rabbit 1280

Estimated LC50, PPM: NO

Sensitization: Yes, possible skin

Irritant: Yes, Eyes and skin

Synergistic Agents: No

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 and 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 MSDS are available upon request. For professional and industrial use only.

The information and recommendations provided herein are believed to be accurate as of the date thereof. However, such information and recommendations are provided without warranty of any kind and INTERNATIONAL EPOXIES & SEALERS disclaims any and all liability or legal responsibility. For use or reliance upon the same.
