



# MATERIAL SAFETY DATA SHEET

**CHROMATE INDUSTRIAL CORPORATION®**  
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**FOR CHEMICAL  
EMERGENCY**

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## SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** FAST FIX EPOXY PATCH KIT  
**PART NUMBER:** 74506  
**PRODUCT TYPE:** EPOXY ADHESIVE  
**CHEMICAL FAMILY:** EPOXY ALIPHATIC AMINE

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## SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	CAS NO.	APPROX %	OSHA PEL	AOGUI TLV
<b>A. (RESIN):</b>				
DIGLYCIDYL ETHER OF BISPHENOLA-A P EPON RESIN 8121	Mixture	100%	N/E	N/E
BISPHENOL A EPOXY RESIN	25068-38-6	*	N/K	N/K
ACRYLATED POLYOLS	*	*	N/K	N/K
<b>B. (HARDENER):</b>				
ALIPHATIC AMINE	*	*		
EPI-CURE CURING AGENT	*	*	N/E	N/E
MODIFIED AMINE	*	*	N/E	N/E
ALKYL PHENOL	*	*	N/E	N/E
ALKYL POLYAMINE	*	*	N/E	N/E
ALKYL PHENOL	*	*	N/E	N/E*

*The specific chemical identity and / or proportion of this component is being held as trade secret information in accordance with 29CFR 1910.1200.*

### NATIONAL FIRE PROTECTION ASSOCIATION CODES

**A. (RESIN):** HEALTH: 3 FLAMMABILITY: 2 REACTIVITY: 0  
**B. (HARDENER):** HEALTH: 3 FLAMMABILITY: 1 REACTIVITY: 0

## SECTION 3 – PHYSICAL / CHEMICAL CHARACTERISTICS

	A. (RESIN):	B. (HARDENER):
<b>BOILING POINT @ 760mmHg:</b>	N/A	432°F
<b>SPECIFIC GRAVITY @ 25°C (H<sub>2</sub>O = 1):</b>	1.17	0.98
<b>VAPOR PRESSURE mmHg@ 20°C:</b>	1.17	0.1
<b>VOLATILITY (% BY VOLUME):</b>	N/A	NA
<b>SOLUBILITY IN WATER:</b>	Negligible	Partial
<b>VAPOR DENSITY @ 25°C (AIR = 1):</b>	N/A	N/A
<b>EVAPORATION RATE (AuAc = 1):</b>	N/A	1
<b>ODOR:</b>	Mild	Ammonia
<b>APPEARANCE (COLOR):</b>	Light	Clear-Pale

## SECTION 4 – FIRE AND EXPLOSION DATA

**FLASH POINT:** A. (RESIN): 200°F B. (HARDENER): 200°F

**EXTINGUISHING MEDIA:** Use water fog, "Alcohol" foam, Dry chemical or CO<sub>2</sub>

**SPECIAL FIRE-FIGHTING PROCEDURES AND PRECAUTIONS:** Material will not burn unless preheated. Do not enter confined areas without fire fighting equipment including a positive pressure NIOSH-approved self-contained breathing apparatus. Cool fire exposed containers with water.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Delayed exposure to combusted products may be toxic.

N/A — NOT APPLICABLE  
N/L — NOT LISTED

N/D — NOT DETERMINED

N/E — NONE ESTABLISHED

N/R — NOT REGULATED

**SECTION 5 – HEALTH HAZARD INFORMATION**

	<b>A. (RESIN):</b>	<b>B. (HARDENER):</b>
<b>THRESHOLD LIMITS VALUE:</b>	N/E	N/E
<b>ANSI HAZARD CLASS:</b>	N/K	N/K

**SIGNS AND SYMPTOMS OF EXPOSURE****ACUTE OVEREXPOSURE:** Moderately irritating to skin and possible skin sensitization.**CHRONIC OVEREXPOSURE:** Pre-existing disorders may be aggravated by exposure.**ROUTES OF EXPOSURE****Inhalation:** *RESIN:* Not likely to produce adverse effect due to low volatility.*HARDENER:* Vapors may cause irritation of upper respiratory tract.**Ingestion:** May be moderately toxic if swallowed.**Skin Absorption:** *RESIN:* May cause skin sensitization. *HARDENER:* May be mildly toxic.**Eye Contact:** *RESIN:* May be irritating to the eyes. *HARDENER:* Vapors maybe irritating to the eyes.**Skin Contact:** *RESIN:* Moderately irritating may cause sensitization. *HARDENER:* May cause skin sensitization.

<b>NATIONAL TOXICOLOGY PROGRAM:</b>	<b>IARC MONOGRAPHS:</b>	<b>OSHA:</b>
<b>CARCINOGENICITY (A&amp;B):</b>	NO	NO

**EMERGENCY AND FIRST AID PROCEDURES****Skin:** Remove contaminated clothing, wash skin with soap and water. Launder clothing prior to re-use.**Eye:** Flush with large amounts of water for 15 minutes while holding eyelids open. Seek medical attention immediately.**Inhalation:** Remove victim to fresh air. Administer oxygen if breathing is difficult.**Ingestion:** *DO NOT INDUCE VOMITING.* Give large doses of water. Seek medical attention.**SECTION 6 – REACTIVITY DATA****STABILITY:** Stable**CONDITIONS TO AVOID:** Avoid high temperatures.**INCOMPATIBILITY MATERIALS TO AVOID:** Avoid heat, flame and contact with strong oxidizing agents. Avoid strong acids and strong mineral and organic bases.**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides and unidentified organic compounds may be formed during combustion.**HAZARDOUS POLYMERIZATION:** Will Not Occur**CONDITIONS TO AVOID:** Do not heat with band heaters or other methods that could produce "hot spots".**SECTION 7 – SPILL OR LEAK PROCEDURES****STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:** Small spills should be taken up with absorbent material and disposed of properly.**WASTE DISPOSAL METHOD:** Cure, then bury or incinerate where permitted by federal, state and local regulations.

**SECTION 8 – SPECIAL PROTECTION**

**RESPIRATORY PROTECTION:** Avoid breathing vapors, which may be produced under some conditions such as heating or application of uncured material over large surface areas. Use a NIOSH approved respirator as required to prevent overexposure. In accordance with 29 CFR 1920.134, use either an atmosphere supplying respirator or an air-purifying respirator for organic vapors.

**VENTILATION:** LOCAL EXHAUST: Yes MECHANICAL: Yes

**PROTECTIVE GLOVES:** Impervious Rubber

**EYE PROTECTION:** Splash-Proof chemical goggles

**WARNING STATEMENTS:** A. (RESIN): May cause skin irritation. Avoid contact with eyes.

(For Industrial Use Only) B. (HARDENER): May cause skin irritation. Avoid contact with eyes.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in cool, dry place in tightly closed containers with adequate ventilation. Keep away from open flames and high temperatures. Avoid contact with skin and eyes. Practice good hygiene.

**OTHER PRECAUTIONS:** For prolonged exposure, wear impervious clothing and boots to minimize personal contact. Eyewash station, safety shower.

**SECTION 9 – OTHER INFORMATION**

This material safety data sheet (MSDS) has been prepared in compliance with the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. The information contained herein is based on data available to us and is believed to be accurate. However, no warranty is expressed or implied concerning the accuracy of the information contained herein. It is the user's responsibility to determine the safety, toxicity and suitability of the product described herein. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards, which exist.