

# MATERIAL SAFETY DATA SHEET – POW-R PATCH

MSDS0552  
Ver. No.1  
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## SECTION 1 Chemical Product and Company Identification

**Product Name:** POW-R PATCH Fiberglass Repair System  
**Product Codes:** PA212, PA224, PA46, PA412

**Chemical Family:** Epoxy Aliphatic Amine  
**Use:** Epoxy Adhesive

**Supplier**  
RDS Global, Ltd  
2707 Congress Street  
Suite 2-P  
San Diego, CA 92110

**Emergency Telephone Numbers:**  
RDS Global, Ltd (888) 510-0801

**Manufacturer**  
Access-Able Technologies, Inc.  
1275 Bennett Drive, Suite 115  
Longwood, Florida 32750

## SECTION 2 Composition / Information on Ingredients

<u>Hazardous Components</u>	<u>CAS No.</u>	<u>Approx %</u>	<u>OSHA PEL</u>	<u>AOGUI TLV</u>
A. (Resin)				
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. (Hardener)				
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 help as trade secret information in accordance with 29CFR 1910.1200.

### **National Fire Protection Association codes**

A. (Resin)	<b>Health (NFPA) 3</b>	<b>Flammability (NFPA) 2</b>	<b>Reactivity (NFPA) 0</b>
B. (Hardener)	<b>Health (NFPA) 3</b>	<b>Flammability (NFPA) 1</b>	<b>Reactivity (NFPA) 0</b>

## SECTION 3 Physical and Chemical Characteristics

	A.	B.		A.	B.
Boiling Point @ 760mmHg	NA	432 °F	Specific Gravity @ 25 °C (H2O=1)	1.17	0.98
Vapor Pressure mmHg@ 20 °C	1.17	0.1	Volatility (% by Volume)	NA	NA
Solubility in Water	Negligible	Partial	Vapor Density @ 25 °C (Air=1)	NA	NA
Evaporation Rate (AuAc=1)	NA	1			
			<b>Appearance</b>		
Odor	Mild	Ammonia	Color	Light	Clear-Pale

## SECTION 4 Fire and Explosion Data

	A.	B.
Flash Point	200 °F	200 °F

**Extinguishing Media:** Use water fog, "Alcohol" foam, Dry chemical or CO2

**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.

**SECTION 5 Health Hazard Information**

Threshold Limits Value	A. NE	B. NE
ANSI Hazard Class	NK	NK

**Signs and Symptoms of Exposure**

Acute Overexposure	Moderately irritating to skin and possible skin sensitization	Moderately irritating to skin and possible skin sensitization
Chronic Overexposure	Pre-existing disorders may be aggravated by exposure	Pre-existing disorders may be aggravated by exposure

**Routes of Exposure**

Inhalation	Not likely to produce adverse effect due to low volatility	Vapors may cause irritation of upper respiratory tract
Ingestion	Maybe moderately toxic if swallowed	Maybe moderately toxic if swallowed
Skin Absorption	May cause skin sensitization	Maybe mildly toxic
Eye Contact	Maybe irritating to the eyes	Vapors maybe irritating to the eyes
Skin Contact	Moderately irritating may cause sensitization	May cause skin sensitization

Carcinogenicity (A&B)	<b>National Toxicology Program</b>	<b>IARC Monographs</b>	<b>OSHA</b>
	NO	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 <u>Yes</u> Unstable _____	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 <u>Yes</u>	May Occur _____
	Conditions to Avoid:    "hot spots".	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: (For Industrial Use Only)	A.	B.
	May cause skin irritation Avoid contact with eyes.	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.

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.

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