



Material Safety Data Sheet

Section 1: Product and Company Information

Product Name:	POW-R PATCH	Product Code:	PA212C, PA220C, PA38C PA46C, PA412C, PA68C PA88C
Version #	5	Revision Date	02/2011
Manufacturer:	Access-Able Technologies, Inc. 1275 Bennett Dr #115 Longwood, FL 32750	In Case of Emergency :	Chemtrec 800-424-9300
		CAS #	Mixture

Section 2: Composition and Information on Ingredients

Hazardous Components	CAS #	Percent
Reaction Product: -- bisphenol A-epichlorohydrin Epoxy Resin (Number Avg Molecular Weight Not More Than 700)	25068-38-6	45
2,4,6 – Tri-(dimethylaminomethyphenol)	90-72-2	9
Non-Hazardous Components	CAS #	Percent
Proprietary component(s)	Proprietary	45
Bis[(dimethylamino)methyl]phenol	71074-89-0	1

Section 3: Hazards Identification

Emergency Overview	Danger, Corrosive. Causes skin and eye burns. Harmful if inhaled. Harmful if absorbed through the skin.
OSHA regulatory status	This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication)
Potential Health Effects	
Primary Routes of Entry	Inhalation. Ingestion. Skin contact. Eye contact
Eyes	This product causes eye burns. Harmful in contact with eyes. Do not get this material in contact with eyes.
Skin	Causes skin burns. May cause sensitization by skin contact. Do not get this material in contact with skin.
Inhalation	Harmful if inhaled. Do not breathe dust/fume/gas/vapors/spray.
Ingestion	Harmful if swallowed. Ingestion may produce burns to lips, oral cavity, upper airway, esophagus and possibly the digestive tract.

Section 4: First Aid Measures

Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.
Skin contact	Remove and isolate contaminated clothing and shoes. Immediately flush skin with plenty of water. Get medical attention immediately. For minor skin contact, avoid spreading material on unaffected skin. Wash clothing separately before reuse.
Inhalation	Move to fresh air. If breathing is difficult, give oxygen. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Get medical attention immediately. If material is ingested, immediately contact a poison control center. Have victim rinse mouth thoroughly with water. Do not induce vomiting without advice from a poison control center. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with one-way valve or other proper respiratory medical device.
Ingestion	
Notes to Physician	If breathing is difficult, give oxygen. Keep victim warm
General Advice	Immediate medical attention is required. Keep victim warm. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

Section 5: Firefighting Measures

Flammable Properties	Not a fire hazard. This material will not burn. Unless preheated
Extinguishing Media	
Suitable Extinguishing Media	Water fog. Foam. Dry chemical powder. Carbon Dioxide (CO ₂)
Protection of Firefighters	
Protective Equipment & precautions	Cool containers with flooding quantities of water until well after fire is out. Firefighters should wear full protective gear. Wear self-contained breathing apparatus with full face piece operated in the positive pressure demand mode when fighting fires.

Section 6: Accidental Release Measures

Personal Precautions	Fully encapsulating, vapor protective clothing should be worn for spills and leaks with no fire. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing. Ventilate closed spaces before entering. Keep unnecessary personnel away. Stay upwind. Keep out of low areas.
Methods of Containment	Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Prevent entry into waterways, sewers, basements or confined areas. Large spills: Dike far ahead of liquid spill for later disposal. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.
Methods for Cleaning Up	Small spills: Clean contaminated surface thoroughly. After removal flush contaminated area thoroughly with water. Never return spills in original containers for re-use.

Section 7: Handling and Storage

Handling	Do not get this material in contact with eyes. Do not get this material in contact with skin. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get this material on clothing. Use only with adequate ventilation. Wash thoroughly after handling. Wash clothes before reuse.
Storage	Use care in handling/storage. Store in accordance with local/regional/national/international regulation. Keep container tightly closed and in a well-ventilated place. Store in a cool, dry place. Keep away from incompatible materials, open flames and high temperatures.

Section 8: Exposure Controls / Personal Protection

Personal Protective Equipment	
Eye / Face Protection	Do not get this material in contact with eyes. Wear Chemical goggles. Face-Shield.
Skin Protection	Do not get this material in contact with skin. Do not get this material on clothing. Wear appropriate chemical resistant gloves. Wear suitable protective clothing. Structural firefighters protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations. Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent). Wear chemical protective equipment that is specifically recommended by the manufacturer. It may provide little or no thermal protection.
Respiratory Protection	Do not breathe dust/fume/gas/mist/vapors/spray. Wear positive pressure self-contained breathing apparatus (SCBA).
General Hygiene Considerations	Do not get this material in contact with eyes. Do not get this material in contact with skin. Do not get this material on clothing.

Section 9: Physical and Chemical Properties

	This product typically exhibits the following properties under normal conditions	
Appearance	Transparent	Liquid
Color	Clear	
Odor	Slight Sulfur	
Physical State	Liquid	
Form	Liquid	
pH	Not Available	
Boiling Point	432 °F / 222 °C	

Flash Point	200 °F / 93 °C
Evaporation Rate	1
Flammability	Will Not Burn
Specific Gravity (SG)	1.17
Vapor Pressure	1.17
Solubility in water	Partial

Section 10: Chemical Stability and Reactivity

Chemical Stability	Stable at normal conditions
Conditions to Avoid	Keep from any contact with water. Heat, sparks, flames, elevated temperatures
Incompatible Materials	May react with strong bases or oxidizing agents. Strong acids.
Hazardous Decomposition Products	Nitrogen oxides (NO _x). Carbon Monoxide. Unidentified organic compounds, Sulphur oxides. Hydrogen Sulfide

Section 11: Toxicology Information

Sensitization	Not Available
Chronic Effects	Not Available
Carcinogenicity	This product is not considered to be a carcinogen by IRAC, ACGIH, NTP or OSHA
Corrosivity	Hazardous by OSHA criteria
Mutagenicity	Not Available
Reproductive Effects	Not Available
Teratogenicity	Not Available

Section 12: Ecological Information

Ecotoxicity	Components of this product are hazardous to aquatic life.
Persistence and Degradability	Not Available

Section 13: Disposal Considerations

Disposal Instructions	Dispose of this material and its container at hazardous or special waste collection point. Incinerate the material under controlled conditions in an approved incinerator. Dispose in accordance with all applicable regulations.
Waste from Residues / Unused product	Not Applicable

Section 14: Transport Information

DOT	Not Regulated as Dangerous Goods
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Section 15: Regulatory Information

US Federal Regulations	This is a "Hazardous Chemical" as defined by OSHA Hazard Communication Standard, 29 CFR 1910.1200.	
CERCLA (Superfund) Reportable Quantity	CERCLA/SARA Hazardous Substances – Not Applicable	
Superfund Amendments and Reauthorization Act of 1986 (SARA)	None	
Hazardous Categories	Immediate Hazard	Yes
	Delayed Hazard	Yes
	Fire Hazard	No
	Pressure Hazard	No
	Reactivity Hazard	No
Section 302 Extremely Hazardous Substance	No	
Section 311 Hazardous Chemical	Yes	

Inventory Status

Country(s) or Region	Inventory Name	On Inventory (Yes / No)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substance List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of New and Existing Chemical (EINECS)	No
Europe	European list of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No

Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

A "Yes" indicates that all components of this product comply with the inventory requirements administered by governing country(s).

State Regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

Section 16: Other Information

Further Information

HMIS® is a registered trade and service mark of the NPCA

HMIS® Ratings

Health	3
Flammability	1
Physical Hazard	0

NFPA Ratings

Health	3
Flammability	1
Physical Hazard	0

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in text.