



SAFETY DATA SHEET

This SDS complies with REACH 1907/2006 and 2001/58/EC, GHS, OSHA 29CFR 1910.1200

Section 1: Chemical Product and Company Identification

CHEMICAL SUPPLIER COMPANY NAME

Access-Able Technologies, Inc.
360 Old Sanford Oviedo Raod
Winter Springs, Florida 32708

EMERGENCY TELEPHONE

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DATE PREPARED: January 22, 2016

REVISION DATE: May 22, 2016

PRODUCT NAME:

POW-R PATCH Part A

FORMULA:

Preparation/Mixture

PRODUCT USE:

Repair of leaks in all types of pipes, hoses, and lines that may contain fluids, gases, or any other type of material.

Section 2: Hazards Identification

GHS Hazard Class

Sensitization Skin—Category 1
Skin Corrosion/Irritation -- Category 2
Hazardous to the Aquatic Environment—Long Term (Chronic Hazard)--Category 1
Hazardous to the Aquatic Environment—Short Term (Acute) Hazard -- Category 1



Signal word:

Warning

Hazard Statement:

H317 May cause allergic skin reaction.

H315 Causes skin irritation

H400 Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects

Precautionary Statements:

Prevention

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P261 Avoid breathing dust/fuel/gas/mist/vapors/spray.

P264 Wash hands thoroughly after handling

P273 Avoid release to the environment

Response

P302 + P352 IF ON SKIN: Wash with plenty of water.

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

P321 Specific treatment (see supplemental first aid on label)

P362 + P364 Take off contaminated clothing and wash it before reuse.

P332 + P313 If skin irritation occurs, get medical advice/attention

P362 + P364 Take off contaminated clothing and wash before reuse.

P391 Collect spillage

Storage

P405 Store locked up.

Disposal

P501 Dispose of contents/container: Follow the waste disposal requirements of your country.

Hazards not otherwise classified (HNOC) - None

<5 % of mixture consists of ingredients of unknown acute toxicity



HAZARD CLASSIFICATION:

Classified As Hazardous Based On IMO and DOT.

FIRE AND EXPLOSION:

Not considered flammable or combustible, but this product will burn if involved in a fire.

APPEARANCE:

Product emits toxic fumes when burned.

Fiberglass tape impregnated with liquid

NFPA Rating:

Component	Health (Blue)	Flammability (Red)	Reactivity (Yellow)	Special (White)
POW-R PATCH-PART A	2	0	0	--

Section 3: Composition, Information on Ingredients

Part A

PRODUCT COMPOSITION	APPROX %	CAS NO.	EC NUMBER	CANADA DSL
4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer	<76	25068-38-6	500-033-5	Y
Phenol-Formaldehyde Polymer Glycidyl Ether	<5	28064-14-4	608-164-0	Y
Fiberglass	<29	65997-17-3	-----	-----
Silanes	<1	-----	-----	-----
Textile sizing	<1	-----	-----	-----

Trade Secret (TS) Some items on this MSDS may be designated as trade secrets. Bonafide requests for disclosure of trade secret information to medical personnel must be made in accordance with the provisions contained in 29 CFR 1910.1200 I 1-13. The full text for all R-Phrases is shown in Section 16.

Section 4: First Aid Measures

Description of First Aid Measures

Inhalation	Remove to fresh air. If not breathing, provide CPR (cardio pulmonary resuscitation). Get immediate medical attention.
Skin Contact	Immediately wash skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing.
Eye Contact	Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.
Ingestion	If swallowed do not induce vomiting, give large quantities of water to drink. Never give anything to an unconscious person. Get immediate medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms/Injuries after Inhalation	May cause respiratory tract irritation. May cause dizziness, headache, nausea and mental confusion.
Symptoms/Injuries after Skin Contact	May cause skin irritation. Symptoms may include redness, drying, defatting, and cracking of the skin.
Symptoms/Injuries after Eye Contact	May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Symptoms/Injuries after Ingestion	May be harmful if swallowed. May cause stomach distress, nausea, or vomiting.

Indication of any immediate medical attention and special treatment needed

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately.

Section 5: Fire-fighting Measures

Suitable extinguishing media

Use foam, dry chemical, or carbon dioxide.

Special hazards arising from the substance or mixture

No data available.



Protective actions fire-fighters

Wear standard protective equipment and self contained breathing apparatus for firefighting if necessary.

Further information

Use water spray to cool unopened containers. Emits toxic fumes under fire conditions.

Section 6: Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures

Wear proper personal protective equipment. Avoid breathing vapors or mist.

Environmental precautions

Prevent release to water ways, stormwater drains, wastewater treatment systems.

Methods and materials for containment and cleaning up

Place waste material or unused material in a waste container.

Reference to other Sections For personal protection reference section 8. For disposal reference section 13.

Section 7: Handling and Storage

Precautions for safe handling

- Use only with adequate ventilation.
- Do not inhale vapors.
- Wear proper protective equipment when handling this material.
- Avoid contact with skin, eyes, or clothing.
- Wash hands and face after handling this material.
- Keep out of reach of children.

Conditions for safe storage, including any incompatibilities

- Store upright in a cool, dry place.
- Keep container closed when not in use.
- Utilize chemical segregation.
- Follow all applicable local regulations for handling and storage.

Specific uses

Repair of leaks in all types of pipes, hoses, and lines that may contain fluids, gases, or any other type of material.

Section 8: Exposure Controls/Personal Protection

Control Parameters

Contains no substances with occupational exposure limit values.

Exposure controls

VENTILATION:

Always provide good general, mechanical room ventilation where this chemical/material is used.

RESPIRATORY PROTECTION:

Not required

PROTECTIVE GLOVES:

Wear chemical impervious gloves at all times while working with this product. Recommended glove types include: Laminate Film, Nitrile, or Tri-polymer.

EYE PROTECTION:

Safety Glasses, Chemical goggles, or face shield

PROTECTIVE CLOTHING:

Wear suitable protective clothing to prevent skin contact.

OTHER EQUIPMENT:

Make safety shower, eyewash stations, and hand washing equipment available in the work area.

WORK/HYGIENE PRACTICES:

Avoid breathing vapor. Avoid contact with eyes. Wash hands and face after handling.



Section 9: Physical and Chemical Properties

	PRODUCT CRITERIA
APPEARANCE - COLOR:	Clear
PHYSICAL STATE:	Viscous liquid
ODOR:	No data available
ODOR THRESHOLD	No data available
PH	No data available
MELTING POINT/FREEZING POINT:	No data available
INITIAL BOILING POINT AND BOILING RANGE:	No data available
FLASH POINT:	Pensky-Martens Closed Cup: 251 °C (483.80 °F) (ASTM D 93)
EVAPORATION RATE:	No data available
FLAMMABILITY (Solid, gas)	No data available
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS	Not Measured
VAPOR PRESSURE	0.03 mbar @ 77 °C (170.60 °F)
VAPOR DENSITY (AIR = 1)	No data available
RELATIVE DENSITY (@25 °C):	1.17
SOLUBILITY(IES)	Negligible in water Based on Epichlorohydrin Copolymer
OXIDIZING PROPERTIES	No data available
PARTITION COEFFICIENT: n-octanol/water	No data available
AUTO IGNITION TEMPERATURE	No data available
DECOMPOSITION TEMPERATURE	No data available
VISCOSITY	No data available
VOC CONTENT	No data available

Section 10: Stability and Reactivity

Reactivity:	Water reacts with the chemicals in the tape.
Chemical Stability:	Stable
Possibility of Hazardous Reactions:	Will not occur
Conditions to Avoid:	None
Incompatibility (Materials to Avoid):	Water
Hazardous Decomposition Products:	None

Section 11: Toxicological Information

GHS Required Criteria	Toxicity Criteria	Toxicity Information	Comments	Chemical Constituent
Acute Toxicity	LD50 (Oral/Rat):	Data not available		
	LC50 (Inhalation/Rat male):	Data not available		
	LD50 (Dermal/Rabbit):	Data not available		
Skin Corrosion/Irritation	Causes skin irritation		Category 2	25068-38-6
	Causes serious eye damage			
Serious Eye Damage / Eye Irritation	May cause an allergic skin reaction		Category 1	25068-38-6
	Respiratory tract irritation		Category 3	28064-14-4
Germ Cell Mutagenicity		Data not available		
Carcinogenicity	NTP	Not listed		
	IARC	Not listed		
	OSHA	Not listed		
Reproductive Toxicity		Data not available		
STOT -- Single Exposure		Data not available		
STOT -- Repeated Exposure		Data not available		
Aspiration Hazard		Data not available		

STOT = Specific Target Organ Toxicity

ATE: Acute Toxicity Estimate calculation per OSHA 1910.1200



Section 12: Ecological Information

Chemical Constituent

Toxicity:	Fish - Fish 96 hours Acute LC50 1.3 mg/l - 203 Fish, Acute Toxicity Test	25068-38-6
	Aquatic invertebrates. Water flea 48 hours Acute EC50 2.1 mg/l - 202 Daphnia sp. Acute Immobilization Test and Reproduction Test	25068-38-6
	Aquatic invertebrates. Water flea 21 days Acute NOEC 0.3 mg/l - 211 Daphnia Magna Reproduction Test	25068-38-6
	Aquatic plants - Algae 72 hours Acute LC50 > 11 mg/l -	25068-38-6
Persistence and degradability:	No information is available.	
Bioaccumulative potential	No information is available.	
Mobility in soil:	No information is available.	
PBT and vPvB assessment:	PBT/vPvB assessment not available as chemical assessment not required/not conducted	
Other adverse effects:	No information is available.	

Section 13: Disposal Considerations

Waste from residues/unused products: Follow the waste disposal requirements of your country, state, or local authorities.

Contaminated packaging: Contaminated packaging material should be disposed of as stated above for residues and unused product.

Rinsate: Do not dispose of rinse water containing product in a sanitary sewer system or stormwater drainage system.

Section 14: Transport Information

ROAD TRANSPORT:

ADR = International Carriage of Dangerous Goods by Road

UN NUMBER:

DOT PROPER SHIPPING NAME

DOT / ADR HAZARD CLASS:

DOT / ADR LABELS:

PLACARD:

DOT / ADR PACKAGING GROUP:

UN 3082

Environmentally hazardous substance, liquid, N.O.S.

(4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer)

Miscellaneous

Class 9

Miscellaneous, Class 9

III

SEA TRANSPORT: IMDG

UN NUMBER SEA

PROPER SHIPPING NAME

CLASS:

PACKING GROUP:

EmS No.:

MARINE POLLUTANT:

SEA TRANSPORT NOTES:

UN 3082

Environmentally hazardous substance, liquid, N.O.S.

(4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer)

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III

F-A, S-F

No

Category A

AIR TRANSPORT: IATA/ICAO

UN NUMBER:

PROPER SHIPPING NAME

HAZARD CLASS:

PACKAGING GROUP:

UN 3082

Environmentally hazardous substance, liquid, N.O.S.

(4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer)

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III

Section 15: Regulatory Information

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS:

This product is in compliance with rules, regulations, and orders of TSCA. All components are either listed on the TSCA inventory or are considered exempt.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III SECTION 313 SUPPLIER NOTIFICATION:



This regulation requires submission of annual reports of toxic chemical(s) that appear in section 313 of the Emergency Planning and Community Right To Know Act of 1986 and 40 CFR 372. This information must be included in all MSDS's that are copied and distributed for the material.

The Section 313 toxic chemicals contained in this product are: None

CALIFORNIA PROPOSITION 65:

This regulation requires a warning for California Proposition 65 chemical(s) under the statute.

The California proposition 65 chemical(s) contained in this product are:

WARNING: This product contains less than 0.1% of a chemical known to the State of California to cause cancer.

Ingredient name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
Oxirane, 2-(phenoxyethyl)-	Yes	No	5 µg/day	No

STATE RIGHT-TO-KNOW TOXIC SUBSTANCE OR HAZARDOUS SUBSTANCE LIST:

Florida Toxic Substance(s):	Not listed
Massachusetts's hazardous substance(s):	Not listed
Pennsylvania hazardous substance code(s):	25068-38-6
New Jersey	25068-38-6
Illinois	Not listed
Michigan	Not listed

CANADA:

WHMIS-2015: This SDS is in compliance with WHMIS 2015 (HPR / new HPA).

EUROPEAN UNION:

This product has been reviewed for compliance with the following European Community Directives: REACH 1907/2006; Directive 67/548/EEC, Regulation (EC) No 1272/2008 on classification, labeling, and packaging (CLP) of substances and mixtures.

Section 16: Other Information

Initial issue date: January 22, 2016
Final revision date: May 22, 2016
Revision Number: 1
Revision explanation: Initial version
Information Sources: RTECS, ECHA, REACH, OSHA 29CFR 1910.1200

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