

# **KIT - SAFETY DATA SHEET**

Product identifier used on the label: Kit Name Stock No.:

DEVCON® 5 Minute® Epoxy amber [1:1] 14210

Other means of identification:

Recommended use of the chemical and restrictions on use:

 

 Chemical manufacturer address and telephone number:

 Manufacturer Name:
 ITW Polymers Adhesives, North America

 Address:
 30 Endicott Street Danvers, MA 01923

| Component list        |                        |
|-----------------------|------------------------|
| Resin Component       | 5-MINUTE EPOXYRESIN    |
| Hardener Component    | 5-MINUTE EPOXYHARDENER |
| Kit SDS Revision Date | 07/08/2015             |

# **Resin Component - SDS**

| Product identifier used on the label: |  |
|---------------------------------------|--|
| Product Name:                         | 5-MINUTE EPOXY RESIN                                   |
| Other means of identification:        |  |
| Recommended use of the chemical a     | and restrictions on use:                               |
| Chemical manufacturer address and     | telephone_number:                                      |
| Manufacturer Name:                    | ITW  |
| Address:                              | 30 Endicott Street<br>Danvers, MA 01923                |
| General Phone Number:                 | (978) 777-1100   |
| Emergency phone number:               |  |
| Emergency Phone Number:               | (800) 424-9300   |
| CHEMTREC:                             | For emergencies in the US, call CHEMTREC: 800-424-9300 |

# SECTION 2 : HAZARD(S) IDENTIFICATION

Classification of the chemical in accordance with CFR 1910.1200(d)(f):

| GHS Pictograms:           |  |
|---------------------------|--|
| Signal Word:              | WARNING.   |
| GHS Class:                | Eye Irritation. Category 2.<br>Skin Sensitization. category 1.<br>Specific Target Organ Toxicity - STOT, Single Exposure SE. Category 3.   |
| Hazard Statements:        | H319 - Causes serious eye irritation.<br>H317 - May cause an allergic skin reaction.<br>H335 - May cause respiratory irritation.   |
| Precautionary Statements: | <ul> <li>P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.</li> <li>P264 - Wash hands thoroughly after handling.</li> <li>P271 - Use only outdoors or in a well-ventilated area.</li> <li>P272 - Contaminated work clothing should not be allowed out of the workplace.</li> <li>P280 - Wear protective gloves/protective clothing/eye protection/face protection.</li> <li>P302+P352 - IF ON SKIN: Wash with plenty of water.</li> <li>P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</li> <li>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>P312 - Call a POISON CENTER or doctor/physician if you feel unwell.</li> <li>P321 - Specific treatment (see on this label).</li> <li>P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.</li> </ul> |
| Product:                  | DEVCON® 5 Mnute® Epoxy amber [1:1]   Manufacturer:   Revison:07/08/2015, Version:0   |

P337+P313 - If eye irritation persists: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse. P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up. P501 - Dispose of contents/container in accordance with Local, State, Federal and Provincial regulations.

 $\underline{ Hazards \ not \ otherwise \ classified \ that \ have \ been \ identified \ during \ the \ classification \ process:}$ 

| Route of Exposure:                         | Eyes. Skin. Inhalation. Ingestion.   |
|--|--|
| Potential Health Effects:                  |  |
| Eye:                                       | Can cause moderate irritation, burning sensation, tearing, redness, and swelling. Overexposure may cause lacrimation, conjunctivitis, corneal damage and permanent injury.   |
| Skin:                                      | Can cause skin irritation; itching, redness, rashes, hives, burning, and swelling. Allergic reactions are<br>possible.<br>May cause skin sensitization, an allergic reaction, which becomes evident on reexposure to this<br>material. |
| Inhalation:                                | Respiratory tract irritant. High concentration may cause dizziness, headache, and anesthetic effects.<br>May cause respiratory sensitization with asthma-like symptoms in susceptible individuals.                                     |
| Ingestion:                                 | Causes irritation, a burning sensation of the mouth, throat and gastrointestinal tract and abdominal pain.   |
| Chronic Health Effects:                    | Prolonged skin contact may lead to burning associated with severe reddening, swelling, and possible tissue destruction.  |
| Signs/Symptoms:                            | Overexposure can cause headaches, dizziness, nausea, and vomiting.   |
| Target Organs:                             | Eyes. Skin. Respiratory system. Digestive system.  |
| Aggravation of Pre-Existing<br>Conditions: | Individuals with pre-existing skin disorders, asthma, allergies or known sensitization may be more susceptible to the effects of this product.   |

## SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Mixtures:</u><br>Chemical Name  | CA S#      | Ingredient Percent | EC Num. |
|------------------------------------|------------|--------------------|---------|
| Bisphenol A diglycidyl ether resin | 25068-38-6 | 90 - 100 by weight |         |

| Description of necessary measures | <u></u>  |
|-----------------------------------|--|
| Eye Contact:                      | Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get immediate medical attention. |
| Skin Contact:                     | Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.      |
| Inhalation:                       | If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.                                    |
| Ingestion:                        | If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.                                      |

#### SECTION 5 : FIRE FIGHTING MEASURES

| Suitable and unsuitable extinguishing media:                    |   |  |
|---|---|--|
| Suitable Extinguishing Media:                                   | Use carbon dioxide (CO2) or dry chemical when fighting fires involving this material.   |  |
| Unsuitable extinguishing media:                                 | None known.   |  |
| Unusual Fire Hazards:   | Sealed containers at elevated temperatures may rupture explosively and spread fire due to polymerization. Heating above 300 deg F in the presence of air may cause slow oxidative decomposition and above 500 deg F may cause polymerization. |  |
| Special protective equipment and precautions for fire-fighters: |   |  |
| Protective Equipment:   | As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.   |  |
| Fire Fighting Instructions:                                     | Evacuate area of unprotected personnel. Use cold water spray to cool fire exposed containers to minimize risk of rupture. Do not enter confined fire space without full protective gear. If possible, contain fire run-off water.             |  |

#### SECTION 6 : ACCIDENTAL RELEASE MEASURES

 $\underline{Personal\ precautions,\ protective\ equipment\ and\ emergency\ procedures:}$ 

Product: DEVCON® 5 Mnute® Epoxy amber [1:1] | Manufacturer: | Revison:07/08/2015, Version:0

| Personal Precautions:                                  | Evacuate area and keep unnecessary and unprotected personnel from entering the spill area.  |  |
|--|---|--|
| Environmental precautions:                             |   |  |
| Environmental Precautions:                             | Avoid runoff into storm sewers, ditches, and waterways.   |  |
| Methods and materials for containment and cleaning up: |   |  |
| Spill Cleanup Measures:                                | Absorb spill with inert material (e,g., dry sand or earth), then place in a chemical waste container.<br>Provide ventilation. Clean up spills immediately observing precautions in the protective equipment<br>section. After removal, flush spill area with soap and water to remove trace residue.<br>Avoid personal contact and breathing vapors or mists. Ventilate area. Use proper personal protective<br>equipment as listed in Section 8. |  |
| Reference to other sections:                           |   |  |
| Other Precautions:                                     | Pump or shovel to storage/salvage vessels.  |  |
|  |   |  |

# SECTION 7 : HANDLING and STORAGE

| Precautions for safe handling:                                |  |  |
|---|--|--|
| Handling:   | Use with adequate ventilation. Avoid breathing vapor, aerosol or mist.   |  |
| Hygiene Practices:  | Wash thoroughly after handling.  |  |
| Special Handling Procedures:                                  | Provide appropriate ventilation/respiratory protection against decomposition products (see Section 10)<br>during welding/flame cutting operations and to protect against dust during sanding/grinding of cured<br>product. |  |
| Conditions for safe storage, including any incompatibilities: |  |  |
| Storage:  | Store in a cool, dry, well ventilated area away from sources of heat and incompatible materials. Keep container tightly closed when not in use.  |  |

# SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

| EXPOSURE GUIDELINES:              |   |
|-----------------------------------|---|
| Appropriate engineering controls: |   |
| Engineering Controls:             | Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other<br>engineering controls to control airborne levels below recommended exposure limits. Good general<br>ventilation should be sufficient to control airborne levels. Where such systems are not effective wear<br>suitable personal protective equipment, which performs satisfactorily and meets OSHA or other<br>recognized standards. Consult with local procedures for selection, training, inspection and maintenance<br>of the personal protective equipment. |
| Individual protection measures:   |   |
| Eye/Face Protection:              | Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.  |
| Skin Protection Description:      | Wear appropriate protective gloves and other protective apparel to prevent skin contact. Consult<br>manufacturer's data for permeability data.<br>Nitrile gloves are recommended.   |
| Respiratory Protection:           | A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be<br>permissible under certain circumstances where airborne concentrations are expected to exceed<br>exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air<br>supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known,<br>or any other circumstances where air purifying respirators may not provide adequate protection.   |
| Other Protective:                 | Facilities storing or utilizing this material should be equipped with an eyewash and a deluge shower safety station.  |
| Notes :                           | Only established PEL and TLV values for the ingredients are listed.   |

## SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

## PHYSICAL AND CHEMICAL PROPERTIES:

| Physical State Appearance: | Viscous. Liquid.         |
|----------------------------|--------------------------|
| Color:                     | Clear                    |
| Odor:                      | Slight. odor.            |
| Boiling Point:             | >500°F (260°C)           |
| Melting Point:             | Not determined.          |
| Specific Gravity:          | 1.17                     |
| Solubility:                | negligible.              |
| Vapor Density:             | >1 (air = 1)             |
| Vapor Pressure:            | 0.03 mbar @ 77°C (171°F) |
| Percent Volatile:          | 0                        |
| Evaporation Rate:          | <<1 (butyl acetate = 1)  |
| pH:                        | Neutral.                 |
| Molecular Formula:         | Mixture                  |
| Molecular Weight:          | Mixture                  |

| Flash Point:                     | >400°F (204.4°C)                |
|----------------------------------|---------------------------------|
| Flash Point Method:              | Pensky-Marten Closed Cup (PMCC) |
| Lower Flammable/Explosive Limit: | Not determined.                 |
| Upper Flammable/Explosive Limit: | Not determined.                 |
| Auto Ignition Temperature:       | Not determined.                 |
| VOC Content:                     | 0 g/L                           |
| 9.2. Other information:          |                                 |
| Percent Solids by Weight         | 100                             |

## SECTION 10 : STABILITY and REACTIVITY

| Chemical Stability:                 |   |
|-------------------------------------|---|
| Chemical Stability:                 | Stable under normal temperatures and pressures.   |
| Possibility of hazardous reactions: |   |
| Hazardous Polymerization:           | Not reported.   |
| Conditions To Avoid:                |   |
| Conditions to Avoid:                | Extreme heat, sparks, and open flame. Incompatible materials, oxidizers and oxidizing conditions.<br>Heating resin above 300 F in the presence of air may cause slow oxidative decomposition. |
| Incompatible Materials:             |   |
| Incompatible Materials:             | Strong Lewis or mineral acids, strong oxidizing agents, strong mineral and organic bases (especially primary and secondary aliphatic amines).   |

## SECTION 11 : TOXICOLOGICAL INFORMATION

#### TOXICOLOGICAL INFORMATION:

#### Bisphenol A diglycidyl ether resin :

| Eye :      | Administration into the eye - Rabbit Standard Draize test: 100 mg [Mild]<br>Administration into the eye - Rabbit Standard Draize test: 20 mg/24H [Moderate]<br>Administration into the eye - Rabbit Standard Draize test: 5 mg/24H [Severe] (RTECS)  |
|------------|--|
| Skin:      | Administration onto the skin - Rabbit LD50 - Lethal dose, 50 percent kill: >20 mL/kg [Details of toxic<br>effects not reported other than lethal dose value]<br>Administration onto the skin - Rat LD50 - Lethal dose, 50 percent kill: >1200 mg/kg [Details of toxic<br>effects not reported other than lethal dose value] (RTECS)  |
| Ingestion: | Oral - Rat LD50 - Lethal dose, 50 percent kill: 10700 uL/kg [Details of toxic effects not reported other<br>than lethal dose value]<br>Oral - Rat LD50 - Lethal dose, 50 percent kill: 13600 mg/kg [Behavioral - Somnolence (general<br>depressed activity) Lungs, Thorax, or Respiration - Dyspnea Nutritional and Gross Metabolic - Weight<br>loss or decreased weight gain]<br>Oral - Rat LD50 - Lethal dose, 50 percent kill: 13.6 gm/kg [Details of toxic effects not reported other<br>than lethal dose value]<br>Oral - Rat LD50 - Lethal dose, 50 percent kill: 11.4 gm/kg [Details of toxic effects not reported other<br>than lethal dose value]<br>Oral - Rat LD50 - Lethal dose, 50 percent kill: 11.4 gm/kg [Details of toxic effects not reported other<br>than lethal dose value]<br>Oral - Rat LD50 - Lethal dose, 50 percent kill: 30 gm/kg [Behavioral - Somnolence (general depressed<br>activity) Lungs, Thorax, or Respiration - Dyspnea Nutritional and Gross Metabolic - Weight loss or<br>decreased weight gain]<br>Oral - Rat LD50 - Lethal dose, 50 percent kill: 30 gm/kg [Details of toxic effects not reported other<br>than lethal dose value]<br>Oral - Rat LD50 - Lethal dose, 50 percent kill: 30 gm/kg [Details of toxic effects not reported other<br>than lethal dose value]<br>Oral - Rat LD50 - Lethal dose, 50 percent kill: >1 gm/kg [Details of toxic effects not reported other<br>than lethal dose value]<br>Oral - Rat LD50 - Lethal dose, 50 percent kill: >1 gm/kg [Details of toxic effects not reported other<br>than lethal dose value]<br>Oral - Rat LD50 - Lethal dose, 50 percent kill: 11400 mg/kg [Behavioral - Somnolence (general<br>depressed activity) Lungs, Thorax, or Respiration - Dyspnea Nutritional and Gross Metabolic (RTECS) |

# SECTION 12 : ECOLOGICAL INFORMATION

Environmental Fate: No environmental information found for this product.

## SECTION 13 : DISPOSAL CONSIDERATIONS

| Description of waste: |  |
|-----------------------|--|
| Waste Disposal:       | Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous<br>waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines,<br>if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local<br>guidelines. |
| RCRA Number:          | Not determined.  |

# SECTION 14 : TRANSPORT INFORMATION

| DOT Shipping Name: | Refer to Bill of Lading   |
|--------------------|---|
| DOT UN Number:     | Refer to Bill of Lading   |
|                    | Product: DEVCON® 5 Mnute® Epoxy amber [1:1]   Manufacturer:   Revison:07/08/2015, Version:0 |

| IATA Shipping Name:  | Refer to Bill of Lading |
|----------------------|-------------------------|
| IATA UN Number:      | Refer to Bill of Lading |
| IMDG UN Number :     | Refer to Bill of Lading |
| IMDG Shipping Name : | Refer to Bill of Lading |

#### SECTION 15 : REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product:

| Bisphenol A diglycidyl ether resin |   |
|------------------------------------|---|
| TSCA Inventory Status:             | Listed  |
| Canada DSL:                        | Listed  |
| Canadian Regulations.              | WHMIS Hazard Class(es): D2B<br>All components of this product are on the Canadian Domestic Substances List. |
| WHMIS Pictograms:                  | $\mathbf{T}$  |

# SECTION 16 : ADDITIONAL INFORMATION

| <u>HMIS Ratings</u> :<br>HMIS Health Hazard: | 2*   | Health Hazard  | 23  |
|--|--|--|---|
| HMIS Fire Hazard:                            | 1  | Fire Hazard  | 1   |
| HMIS Reactivity:                             | 1  | Reactivity   | 1   |
| HMIS Personal Protection:                    | X  | Personal Protection  | x   |
|  |  | * Chronic Health Effects   |   |
| SDS Revision Date:                           | July 25, 2015  |  |   |
| SDS Revision Notes:                          | GHS Update   |  |   |
| SDS Author:                                  | Actio Corporation  |  |   |
| Discla imer:                                 | The information in this Safety Data Sheet (SDS) is be<br>Polymers Adhesives, NA, MAKES NO WARRANTIES, EXI<br>LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANT/<br>OR COURSE OF PERFORMANCE OR USAGE OF TRADE.<br>ITW Polymers Adhesives, NA product is fit for a partic<br>use or application. Given the variety of factors that ca<br>Polymers Adhesives, NA product, some of which are u<br>is essential that the user evaluate the ITW Polymers<br>fit for a particular purpose and suitable for user's mei<br>Adhesives, NA provides information in electronic form<br>possibility that electronic transfer may have resulted<br>information, ITW Polymers Adhesives, NA makes no<br>accuracy. In addition, information obtained from a da<br>in the MSDS available directly from ITW Polymers Adh | PRESSED OR IMPLIED, INCLUDING, BUT NOT<br>ABILITY OR FITNESS FOR A PARTICULAR PUI<br>User is responsible for determining whether<br>ular purpose and suitable for user's method<br>in affect the use and application of a ITW<br>niquely within the user's knowledge and con<br>Adhesives, NA product to determine whether<br>thod of use or application. ITW Polymers<br>as a service to its customers. Due to the re<br>in errors, omissions or alterations in this<br>representations as to its completeness or<br>tabase may not be as current as the inform | RPOS<br>the<br>of<br>trol, i<br>r it is<br>mote |

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# Hardener Component - SDS

# SECTION 1 : IDENTIFICATION

| Product identifier used on the label:     |  |
|---|--|
| Product Name:                             | 5-MINUTE EPOXY HARDENER                                |
| Other means of identification:            |  |
| Recommended use of the chemical and res   | trictions on use:                                      |
|   |  |
| Chemical manufacturer address and telepho | one number:  |
| Manufacturer Name:                        | ITW  |
| Address:                                  | 30 Endicott Street<br>Danvers, MA 01923                |
| General Phone Number:                     | (978) 777-1100   |
| Emergency phone number:                   |  |
| Emergency Phone Number:                   | (800) 424-9300   |
| CHEMTREC:                                 | For emergencies in the US, call CHEMTREC: 800-424-9300 |

Classification of the chemical in accordance with CFR 1910.1200(d)(f):

| <u>Classification of the chemical in a</u> | accordance with CFR 1910.1200(d)(f):   |
|--|--|
| GHS Pictograms:                            |  |
| Signal Word:                               | WARNING.   |
| GHS Class:                                 | Eye Irritation. Category 2.<br>Skin Irritation. Category 2.<br>Acute Oral Toxicity. Category 4.  |
| Hazard Statements:                         | H319 - Causes serious eye irritation.<br>H315 - Causes skin irritation.<br>H302 - Harmful if swallowed.  |
| Precautionary Statements:                  | <ul> <li>P264 - Wash hands thoroughly after handling.</li> <li>P270 - Do not eat, drink or smoke when using this product.</li> <li>P280 - Wear protective gloves/protective clothing/eye protection/face protection.</li> <li>P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.</li> <li>P302+P352 - IF ON SKIN: Wash with plenty of water.</li> <li>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>P321 - Specific treatment (see on this label).</li> <li>P330 - Rinse mouth.</li> <li>P337+P313 - If skin irritation occurs: Get medical advice/attention.</li> <li>P362+P364 - Take off contaminated clothing and wash it before reuse.</li> <li>P501 - Dispose of contents/container in accordance with Local, State, Federal and Provincial regulations.</li> </ul> |
| Route of Exposure:                         | that have been identified during the classification process:<br>Eyes. Skin. Inhalation. Ingestion.   |
| Potential Health Effects:                  |  |
| Eye:                                       | Can cause severe eye irritation and burns. Eye contact may cause permanent damage or blindness.  |
| Skin:                                      | Causes severe skin irritation. May cause permanent skin damage. Allergic reactions are possible.<br>May cause skin sensitization, an allergic reaction, which becomes evident on reexposure to this<br>material.   |
| Inhalation:                                | Vapor or mist may cause severe respiratory system irritation. May cause respiratory sensitization with asthma-like symptoms in susceptible individuals.  |
| Ingestion:                                 | Causes irritation, a burning sensation of the mouth, throat and gastrointestinal tract and abdominal pain.   |
| Chronic Health Effects:                    | Prolonged skin contact may lead to burning associated with severe reddening, swelling, and possible tissue destruction.  |
| Signs/Symptoms:                            | Overexposure may cause eye watering or discomfort, redness and swelling.   |
| Target Organs:                             | Eyes. Skin. Respiratory system. Digestive system.  |
| Aggravation of Pre-Existing<br>Conditions: | Individuals with pre-existing skin disorders, asthma, allergies or known sensitization may be more susceptible to the effects of this product.   |

## SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Mixtures:</u><br>Chemical Name | CA S#   | Ingredient Percent | EC Num. |
|-----------------------------------|---------|--------------------|---------|
| Proprietary component(s)          | No Data | 90 - 100 by weight |         |

## SECTION 4 : FIRST AID MEASURES

| Eye Contact:  | Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get immediate medical attention. |
|---------------|--|
| Skin Contact: | Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.      |
| Inhalation:   | If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.                                    |
| Ingestion:    | If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.                                      |

## SECTION 5 : FIRE FIGHTING MEASURES

 $\underline{Suitable \ and \ unsuitable \ extinguishing \ media:}$ 

Suitable Extinguishing Media: Use carbon dioxide (CO2) or dry chemical when fighting fires involving this material.

#### Specific hazards arising from the chemical:

# Hazardous Combustion Oxides of carbon (carbon dioxide and monoxide). Nitrogen oxides (NOx) Byproducts:

#### Special protective equipment and precautions for fire-fighters:

Protective Equipment:As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent)<br/>and full protective gear.Fire Fighting Instructions:Evacuate area of unprotected personnel. Use cold water spray to cool fire exposed containers to<br/>minimize risk of rupture. Do not enter confined fire space without full protective gear. If possible,<br/>contain fire run-off water.

#### SECTION 6 : ACCIDENTAL RELEASE MEASURES

| Personal precautions, protective equipment and emergency procedures:  |  |  |
|---|--|--|
| Evacuate area and keep unnecessary and unprotected personnel from entering the spill area.  |  |  |
|   |  |  |
| Avoid runoff into storm sewers, ditches, and waterways.   |  |  |
| Methods and materials for containment and cleaning up:  |  |  |
| Absorb spill with inert material (e,g., dry sand or earth), then place in a chemical waste container.<br>Provide ventilation. Clean up spills immediately observing precautions in the protective equipment<br>section. After removal, flush spill area with soap and water to remove trace residue.<br>Avoid personal contact and breathing vapors or mists. Ventilate area. Use proper personal protective<br>equipment as listed in Section 8. |  |  |
|   |  |  |
| Pump or shovel to storage/salvage vessels.  |  |  |
|   |  |  |

#### SECTION 7 : HANDLING and STORAGE

| Precautions for safe handling:      |   |
|-------------------------------------|---|
| Handling:                           | Use with adequate ventilation. Avoid breathing vapor, aerosol or mist.  |
| Hygiene Practices:                  | Wash thoroughly after handling.   |
| Special Handling Procedures:        | Provide appropriate ventilation/respiratory protection against decomposition products (see Section 10)<br>during welding/flame cutting operations and to protect against dust during sanding/grinding of cured<br>product.  |
| Conditions for safe storage, includ | ing any incompatibilities:  |
| Storage:                            | Store in a cool, dry, well ventilated area away from sources of heat and incompatible materials. Keep container tightly closed when not in use. Do not store in reactive metal containers. Keep away from acids, oxidizers. |

## SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

#### EXPOSURE GUIDELINES:

## Appropriate engineering controls:

| Engineering Controls:           | Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other<br>engineering controls to control airborne levels below recommended exposure limits. Good general<br>ventilation should be sufficient to control airborne levels. Where such systems are not effective wear<br>suitable personal protective equipment, which performs satisfactorily and meets OSHA or other<br>recognized standards. Consult with local procedures for selection, training, inspection and maintenance<br>of the personal protective equipment. |
|---------------------------------|---|
| Individual protection measures: |   |
| Eye/Face Protection:            | Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.  |
| Skin Protection Description:    | Wear appropriate protective gloves and other protective apparel to prevent skin contact. Consult manufacturer's data for permeability data.   |
| Respiratory Protection:         | A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be<br>permissible under certain circumstances where airborne concentrations are expected to exceed<br>exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air<br>supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known,<br>or any other circumstances where air purifying respirators may not provide adequate protection.   |
| Other Protective:               | Facilities storing or utilizing this material should be equipped with an eyewash and a deluge shower safety station.  |
| Notes :                         | Only established PEL and TLV values for the ingredients are listed.   |

# SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

#### PHYSICAL AND CHEMICAL PROPERTIES:

| Physical State Appearance:       | Liquid.                         |
|----------------------------------|---------------------------------|
| Color:                           | clear. to slight yellow         |
| Odor:                            | Mercaptan.                      |
| Boiling Point:                   | Not determined.                 |
| Melting Point:                   | Not determined.                 |
| Specific Gravity:                | 1.13                            |
| Solubility:                      | negligible.                     |
| Vapor Density:                   | Not determined.                 |
| Vapor Pressure:                  | <<1 mmHg @70°F                  |
| Percent Volatile:                | 0                               |
| Evaporation Rate:                | Not determined.                 |
| pH:                              | 9.5 @ 5 Percent Solution        |
| Molecular Formula:               | Mixture                         |
| Molecular Weight:                | Mixture                         |
| Flash Point:                     | >200°F (93.3°C)                 |
| Flash Point Method:              | Pensky-Marten Closed Cup (PMCC) |
| Lower Flammable/Explosive Limit: | Not determined.                 |
| Upper Flammable/Explosive Limit: | Not determined.                 |
| Auto Ignition Temperature:       | Not determined.                 |
| VOC Content:                     | 0 g/L                           |
| 9.2. Other information:          |                                 |
| Percent Solids by Weight         | 100                             |

## SECTION 10 : STABILITY and REACTIVITY

| Stable under normal temperatures and pressures.   |
|---|
|   |
| Not reported.   |
|   |
| Extreme heat, sparks, and open flame. Incompatible materials, oxidizers and oxidizing conditions. |
|   |
| Oxidizing agents. Strong acids and alkalis.   |
|   |

# SECTION 11 : TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

# SECTION 12 : ECOLOGICAL INFORMATION

| Ecotoxicity:        |  |
|---------------------|--|
| Ecotoxicity:        | No ecotoxicity data was found for the product.       |
| Environmental Fate: | No environmental information found for this product. |

## SECTION 13 : DISPOSAL CONSIDERATIONS

| Description of waste: |   |
|-----------------------|---|
| Waste Disposal:       | Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines. |
| RCRA Number:          | Not determined.   |
|                       |   |

| SECTION 14 : TRANSPORT INFORMATION |  |
|------------------------------------|--|
|------------------------------------|--|

DOT Shipping Name: Refer to Bill of Lading

Product: DEVCON® 5 Mnute® Epoxy amber [1:1] | Manufacturer: | Revison:07/08/2015, Version:0

| DOT UN Number:       | Refer to Bill of Lading |
|----------------------|-------------------------|
| IATA Shipping Name:  | Refer to Bill of Lading |
| IATA UN Number:      | Refer to Bill of Lading |
| IMDG UN Number :     | Refer to Bill of Lading |
| IMDG Shipping Name : | Refer to Bill of Lading |

## SECTION 15 : REGULATORY INFORMATION

| Safety, health and environmental re | equilations specific for the product: |
|-------------------------------------|---------------------------------------|
| Surety, neutri una environmentario  | egulations specific for the produce.  |

Canadian Regulations.

WHMIS Hazard Class(es): D2B All components of this product are on the Canadian Domestic Substances List.

WHMIS Pictograms:

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## SECTION 16 : ADDITIONAL INFORMATION

| HMIS Ratings:             |                   |                     |  |
|---------------------------|-------------------|---------------------|--|
| HMIS Health Hazard:       | 3*                | Health Hazard       | 3*   |
| HMIS Fire Hazard:         | 1                 | Fire Hazard         | 1  |
| HMIS Reactivity:          | 1                 | Reactivity          | 1  |
| HMIS Personal Protection: | Х                 | Personal Protection | x  |
|                           | * Chroni          | c Health Effects    |  |
| SDS Revision Date:        | June 29, 2015     |                     |  |
| SDS Revision Notes:       | GHS Update        |                     |  |
| SDS Author:               | Actio Corporation |                     |  |
| Disclaimer:               |                   |                     | POSE<br>the<br>of<br>trol, it<br>it is<br>note |

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