

# **KIT - SAFETY DATA SHEET**

Product identifier used on the

Kit Name DEVCON® 5 Minute® Epoxy amber [1:1]

Stock No.: 14250

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

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**

### SECTION 1: IDENTIFICATION

Product identifier used on the label:

5-MINUTE EPOXY RESIN Product Name:

Other means of identification:

Recommended use of the chemical and restrictions on use:

Chemical manufacturer address and telephone number:

Manufacturer Name:

30 Endicott Street Address: Danvers, MA 01923 (978) 777-1100 General Phone Number:

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: Eve Irritation, Category 2 Skin Irritation. Category 2. Skin Sensitization. Category 1.

Specific Target Organ Toxicity - STOT, Single Exposure SE. Category 3.

Hazard Statements:

H319 - Causes serious eye irritation. H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H335 - May cause respiratory irritation.

Precautionary Statements:

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 - Wash hands thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 - IF ON SKIN: Wash with plenty of water.
P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

breathing.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.

P321 - Specific treatment (see ... on this label)

P332+P313 - If skin irritation occurs: Get medical advice/attention.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. 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.

 $P501 - Dispose \ of \ contents/container \ in \ accordance \ with \ Local, \ State, \ Federal \ and \ Provincial \ regulations.$ 

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

Route of Exposure: Eyes. Skin. Inhalation. Ingestion.

Potential Health Effects:

Can cause moderate irritation, burning sensation, tearing, redness, and swelling. Overexposure may Eye:

cause lacrimation, conjunctivitis, corneal damage and permanent injury.

Skin: Can cause skin irritation; itching, redness, rashes, hives, burning, and swelling. Allergic reactions are

May cause skin sensitization, an allergic reaction, which becomes evident on reexposure to this

Inhalation: Respiratory tract irritant. High concentration may cause dizziness, headache, and anesthetic effects. 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

Prolonged skin contact may lead to burning associated with severe reddening, swelling, and possible tissue destruction. Chronic Health Effects:

Signs/Symptoms: verexposure can cause headaches, dizziness, nausea, and vomiting.

Target Organs: Eyes. Skin. Respiratory system. Digestive system.

Aggravation of Pre-Existing Individuals with pre-existing skin disorders, asthma, allergies or known sensitization may be more Conditions: susceptible to the effects of this product.

# SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Mixtures:

Chemical Name	CAS#	Ingredient Percent	EC Num.
Bisphenol A diglycidyl ether resin	25068-38-6	60 - 100 by weight	603-074-00-8

# SECTION 4: FIRST AID MEASURES

### Description of necessary measures:

Eve 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.

If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give Ingestion:

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:

As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) Protective Equipment:

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

Personal precautions, protective equipment and emergency procedures:

Personnel 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. Provide ventilation. Clean up spills immediately observing precautions in the protective equipment section. After removal, flush spill area with soap and water to remove trace residue. Avoid personal contact and breathing vapors or mists. Ventilate area. Use proper personal protective

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)

during welding/flame cutting operations and to protect against dust during sanding/grinding of cured

product.

Conditions for safe storage, including any incompatibilities:

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:

Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other **Engineering Controls:** 

engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance

of the personal protective equipment.

Individual protection measures:

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. Eye/Face Protection:

Skin Protection Description: Wear appropriate protective gloves and other protective apparel to prevent skin contact. Consult

manufacturer's data for permeability data. Nitrile gloves are recommended.

A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed Respiratory Protection:

exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, 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 Odor: Slight. odor. Boiling Point: >500°F (260°C) Melting Point: Not determined.

Specific Gravity: 1.17 Solubility: negligible. Vapor Density: >1 (air = 1)

0.03 mbar @ 77°C (171°F) Vapor Pressure:

Percent Volatile:

<<1 (butyl acetate = 1) Evaporation Rate:

Neutral. pH: 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:

Extreme heat, sparks, and open flame. Incompatible materials, oxidizers and oxidizing conditions. Heating resin above 300 F in the presence of air may cause slow oxidative decomposition. Conditions to Avoid:

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:**

SL6480000 RTECS Number:

Skin: Administration onto the skin - Rat LD : >2 gm/kg [Nutritional and Gross Metabolic - Other changes]

# SECTION 12: ECOLOGICAL INFORMATION

### Bisphenol A diglycidyl ether resin:

Other adverse effects:

Effect of Material On Aquatic Life:

Acute LC50 1.3 mg/l - Fish (96 Hr) Acute EC50 2.1 mg/l - Aquatic invertebrates. Water flea (48 hr) Acute NOEC 0.3 mg/l - Daphnia Magna Reproduction Test

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: Non regulated. DOT UN Number: Not applicable. DOT Hazard Class: Not applicable. DOT Packing Group: Not applicable.

IATA Shipping Name: Non regulated.

# 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

EC Number: 603-074-00-8

Canadian Regulations. WHMIS Hazard Class(es): D2B

All components of this product are on the Canadian Domestic Substances List.

WHMIS Pictograms:



# SECTION 16: ADDITIONAL INFORMATION

#### **HMIS Ratings**:

HMIS Health Hazard: 2\*
HMIS Fire Hazard: 1
HMIS Reactivity: 1
HMIS Personal Protection: X

Health Hazard	2*
Fire Hazard	1
Reactivity	1
Personal Protection	x

<sup>\*</sup> Chronic Health Effects

SDS Revision Date: June 29, 2015

MSDS Revision Notes: GHS Update

MSDS Author: Actio Corporation

Disclaimer:

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# **Hardener Component - SDS**

# SECTION 1: IDENTIFICATION

<u>Product identifier used on the label:</u>

Product Name: 5-MINUTE EPOXY HARDENER

Other means of identification:

 $\underline{\textit{Recommended use of the chemical and restrictions on use:}}\\$ 

<u>Chemical manufacturer address and telephone number:</u>

Manufacturer Name:

ITW

Address: 30 Endicott Street

Danvers, MA 01923 (978) 777-1100

Emergency phone number:

General Phone Number:

Emergency Phone Number: (800) 424-9300

CHEMTREC: For emergencies in the US, call CHEMTREC: 800-424-9300

# SECTION 2: HAZARD(S) IDENTIFICATION

 $\underline{\textit{Classification of the chemical in accordance with CFR 1910.1200(d)(f):}\\$ 

GHS Pictograms:



Signal Word: WARNING.

GHS Class: Eve Irritation, Category 2. Skin Irritation. Category 2

Acute Oral Toxicity. Category 4.

Hazard Statements: H319 - Causes serious eye irritation.

H315 - Causes skin irritation H302 - Harmful if swallowed.

Precautionary Statements: P264 - Wash hands thoroughly after handling.

P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+P352 - IF ON SKIN: Wash with plenty of water.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 - Specific treatment (see ... on this label).
P330 - Rinse mouth.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P332+P313 - If eve irritation persists: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse.

P501 - Dispose of contents/container in accordance with Local, State, Federal and Provincial regulations.

#### <u>Hazards not otherwise classified that have been identified during the classification process:</u>

Route of Exposure: Eyes. Skin. Inhalation. Ingestion.

Potential Health Effects:

Can cause severe eye irritation and burns. Eye contact may cause permanent damage or blindness. Eye:

Skin: Causes severe skin irritation. May cause permanent skin damage. Allergic reactions are possible.

May cause skin sensitization, an allergic reaction, which becomes evident on reexposure to this

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

 $Prolonged \ skin \ contact \ may \ lead \ to \ burning \ associated \ with \ severe \ reddening, \ swelling, \ and \ possible \ tissue \ destruction.$ Chronic Health Effects:

Signs/Symptoms: Overexposure may cause eye watering or discomfort, redness and swelling.

Target Organs: Eyes. Skin. Respiratory system. Digestive system.

Aggravation of Pre-Existing

Individuals with pre-existing skin disorders, asthma, allergies or known sensitization may be more susceptible to the effects of this product. Conditions:

# SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

Chemical Name	CAS#	Ingredient Percent	EC Num.
Non hazardous	N/A	70 - 90 by weight	
2,4,6-Tris(dimethylaminomethyl)phenol	90-72-2	10 - 30 by weight	

# SECTION 4: FIRST AID MEASURES

Description of necessary measures:

Eve 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.

If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give Ingestion:

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: Water or foam may cause frothing.

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)

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

Personal precautions, protective equipment and emergency procedures:

 $\label{thm:condition} \mbox{Evacuate area and keep unnecessary and unprotected personnel from entering the spill area.}$ Personnel Precautions:

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.

Provide ventilation. Clean up spills immediately observing precautions in the protective equipment section. After removal, flush spill area with soap and water to remove trace residue.

Avoid personal contact and breathing vapors or mists. Ventilate area. Use proper personal protective

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)

during welding/flame cutting operations and to protect against dust during sanding/grinding of cured 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. 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 engineering controls to control airborne levels below recommended exposure limits. Good general

ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance

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.

A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed Respiratory Protection:

exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, 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:

clear. to slight yellow..

Odor: Mercaptan. Boiling Point:

Melting Point: Not determined.

Specific Gravity: 1.13

Solubility: negligible.

Vapor Density: Not determined. Vapor Pressure: <<1 mmHg @70°F

Percent Volatile:

Not determined. Evaporation Rate:

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 a/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.

**Incompatible Materials:** 

Incompatible Materials: Oxidizing agents. Strong acids and alkalis.

# SECTION 11: TOXICOLOGICAL INFORMATION

## TOXICOLOGICAL INFORMATION:

# 2,4,6-Tris(dimethylaminomethyl)phenol:

Administration into the eye - Rabbit Standard Draize test: 50 ug/24H [Severe] (RTECS) Eve:

Administration onto the skin - Rat LD50 - Lethal dose, 50 percent kill: 1280 mg/kg [Details of toxic Skin:

effects not reported other than lethal dose value] (RTECS)

Oral - Rat LD50 - Lethal dose, 50 percent kill: 1200 mg/kg [Peripheral Nerve and Sensation - Flaccid paralysis without anesthesia (usually neuromuscular blockage) Lungs, Thorax, or Respiration -Ingestion:

Dyspnea]
Oral - Rat LD50 - Lethal dose, 50 percent kill: 1673 mg/kg [Behavioral - Tremor Gastrointestinal -

Ulceration or bleeding from stomach Liver - Other changes] (RTECS)

# 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: Non regulated.

DOT UN Number: Not applicable.

DOT Hazard Class: Not applicable.

DOT Packing Group: Not applicable.

IATA Shipping Name: Non regulated.

### SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product:

#### 2,4,6-Tris(dimethylaminomethyl)phenol:

TSCA Inventory Status: Listed
Canada DSL: Listed

Canadian Regulations. WHMIS Hazard Class(es): D2B

All components of this product are on the Canadian Domestic Substances List.

WHMIS Pictograms:



### SECTION 16: ADDITIONAL INFORMATION

#### **HMIS Ratings**:

HMIS Health Hazard: 3\*
HMIS Fire Hazard: 1
HMIS Reactivity: 1
HMIS Personal Protection: X

Health Hazard	3*
Fire Hazard	1
Reactivity	1
Personal Protection	x

<sup>\*</sup> Chronic Health Effects

SDS Revision Date: June 29, 2015

MSDS Revision Notes: GHS Update

MSDS Author: Actio Corporation

Disclaimer:

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