

# SAFETY DATA SHEET

## 1. Identification

<b>Product identifier</b>	<b>T &amp; B SC4-KIT-1 Part B</b>	
<b>Other means of identification</b>		
<b>SDS number</b>	SDS-00066	
<b>Product code</b>	SC4-KIT-1	
<b>Recommended use</b>	Epoxy Hardener	
<b>Recommended restrictions</b>	None known.	
<b>Manufacturer/Importer/Supplier/Distributor information</b>		
<b>Company name</b>	ABB Installation Products Inc.	
<b>Address</b>	860 Ridge Lake Blvd. Memphis, TN 38120 US	
<b>Telephone</b>	901-252-5000 ext.8324	
<b>E-mail</b>	Not available.	
<b>Emergency phone number</b>	INFOTRAC - 24 HOURS:	1-800-535-5053 +1 352-323-3500 (Outside USA)

## 2. Hazard(s) identification

<b>Physical hazards</b>	Not classified.	
<b>Health hazards</b>	Acute toxicity, oral	Category 4
	Acute toxicity, dermal	Category 4
	Acute toxicity, inhalation	Category 3
	Skin corrosion/irritation	Category 1A
	Serious eye damage/eye irritation	Category 1
	Sensitization, skin	Category 1
	Carcinogenicity	Category 2
	Specific target organ toxicity, single exposure	Category 3 respiratory tract irritation
	Specific target organ toxicity, repeated exposure	Category 2 (lung)
<b>Environmental hazards</b>	Hazardous to the aquatic environment, acute hazard	Category 3
	Hazardous to the aquatic environment, long-term hazard	Category 3
<b>OSHA defined hazards</b>	Not classified.	

### Label elements



**Signal word**

Danger

**Hazard statement**

Harmful if swallowed. Harmful in contact with skin. Toxic if inhaled. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Suspected of causing cancer. May cause respiratory irritation. May cause damage to organs (lung) through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects.

## Precautionary statement

### Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

### Response

If exposed or concerned: Get medical advice/attention. If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.

### Storage

Store in a well-ventilated place. Keep container tightly closed. Store locked up.

### Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

### Hazard(s) not otherwise classified (HNOC)

None known.

### Supplemental information

None.

## 3. Composition/information on ingredients

### Mixtures

Chemical name	CAS number	%
Aliphatic Amine	-	30 - 60
Furfuryl alcohol	98-00-0	10 - 30
m-Phenylenebis(methylamine)	1477-55-0	10 - 30
2-Furaldehyde	98-01-1	0.1 - 1
Carbon black	1333-86-4	0.1 - 1

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

## 4. First-aid measures

### Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. 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. Call a poison center or doctor/physician.

### Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. Call a physician or poison control center immediately. Chemical burns must be treated by a physician.

### 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. Call a physician or poison control center immediately.

### Ingestion

Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

### Most important symptoms/effects, acute and delayed

Dizziness. Nausea, vomiting. Diarrhea. May cause burns in mucous membranes, throat, esophagus and stomach. Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Coughing. Discomfort in the chest. Shortness of breath. May cause damage to mucous membranes in nose, throat, lungs and bronchial system. Prolonged exposure may cause chronic effects.

### Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

### General information

IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

## 5. Fire-fighting measures

### Suitable extinguishing media

Foam. Powder. Carbon dioxide (CO<sub>2</sub>).

### Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire fighting equipment/instructions</b>	Move containers from fire area if you can do so without risk.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	Will burn if involved in a fire.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways.  Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.  Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.  Never return spills to original containers for re-use. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.
<b>Environmental precautions</b>	Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

## 7. Handling and storage

<b>Precautions for safe handling</b>	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Should be handled in closed systems, if possible. Persons susceptible to allergic reactions should not handle this product. Do not get in eyes, on skin, or on clothing. Do not taste or swallow. Avoid prolonged exposure. When using, do not eat, drink or smoke. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash contaminated clothing before reuse. Wash hands thoroughly after handling.
<b>Conditions for safe storage, including any incompatibilities</b>	Store locked up. Store in tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
2-Furaldehyde (CAS 98-01-1)	PEL	20 mg/m <sup>3</sup> 5 ppm
Carbon black (CAS 1333-86-4)	PEL	3.5 mg/m <sup>3</sup>
Furfuryl alcohol (CAS 98-00-0)	PEL	200 mg/m <sup>3</sup> 50 ppm

#### US. ACGIH Threshold Limit Values

Components	Type	Value	Form
2-Furaldehyde (CAS 98-01-1)	TWA	0.2 ppm	
Carbon black (CAS 1333-86-4)	TWA	3 mg/m <sup>3</sup>	Inhalable fraction.
Furfuryl alcohol (CAS 98-00-0)	TWA	0.2 ppm	

**US. ACGIH Threshold Limit Values**

Components	Type	Value	Form
m-Phenylenebis(methylamine) (CAS 1477-55-0)	Ceiling	0.1 mg/m3	

**US. NIOSH: Pocket Guide to Chemical Hazards**

Components	Type	Value
Carbon black (CAS 1333-86-4)	TWA	3.5 mg/m3
Furfuryl alcohol (CAS 98-00-0)	STEL	60 mg/m3
		15 ppm
	TWA	40 mg/m3
		10 ppm
m-Phenylenebis(methylamine) (CAS 1477-55-0)	Ceiling	0.1 mg/m3

**Biological limit values****ACGIH Biological Exposure Indices**

Components	Value	Determinant	Specimen	Sampling Time
2-Furaldehyde (CAS 98-01-1)	200 mg/l	Furoic acid, with hydrolysis	Urine	*

\* - For sampling details, please see the source document.

**Exposure guidelines****US - California OELs: Skin designation**

2-Furaldehyde (CAS 98-01-1)	Can be absorbed through the skin.
Furfuryl alcohol (CAS 98-00-0)	Can be absorbed through the skin.
m-Phenylenebis(methylamine) (CAS 1477-55-0)	Can be absorbed through the skin.

**US - Minnesota Haz Subs: Skin designation applies**

2-Furaldehyde (CAS 98-01-1)	Skin designation applies.
Furfuryl alcohol (CAS 98-00-0)	Skin designation applies.

**US - Tennessee OELs: Skin designation**

2-Furaldehyde (CAS 98-01-1)	Can be absorbed through the skin.
Furfuryl alcohol (CAS 98-00-0)	Can be absorbed through the skin.
m-Phenylenebis(methylamine) (CAS 1477-55-0)	Can be absorbed through the skin.

**US ACGIH Threshold Limit Values: Skin designation**

2-Furaldehyde (CAS 98-01-1)	Can be absorbed through the skin.
Furfuryl alcohol (CAS 98-00-0)	Can be absorbed through the skin.
m-Phenylenebis(methylamine) (CAS 1477-55-0)	Can be absorbed through the skin.

**US. NIOSH: Pocket Guide to Chemical Hazards**

Furfuryl alcohol (CAS 98-00-0)	Can be absorbed through the skin.
m-Phenylenebis(methylamine) (CAS 1477-55-0)	Can be absorbed through the skin.

**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

2-Furaldehyde (CAS 98-01-1)	Can be absorbed through the skin.
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**Appropriate engineering controls**

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles) and a face shield.

**Skin protection**

**Hand protection** Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

**Skin protection**

**Other** Wear appropriate chemical resistant clothing. Wash hands thoroughly after handling.

**Respiratory protection**

Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. Chemical respirator with organic vapor cartridge and full facepiece.

<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>General hygiene considerations</b>	Observe any medical surveillance requirements. Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

## 9. Physical and chemical properties

### Appearance

<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Black.
<b>Odor</b>	Mild.
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	96.11 °C (205°F) Setaflash Closed Cup
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	1.14
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>Explosive properties</b>	Not explosive.
<b>Oxidizing properties</b>	Not oxidizing.
<b>VOC</b>	0.0 % California SCAQMD Method 316B

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Contact with incompatible materials.
<b>Incompatible materials</b>	Acids. Bases. Strong oxidizing agents. Peroxides. Sodium hypochlorite This product slowly corrodes copper, aluminum, zinc and galvanized surfaces.
<b>Hazardous decomposition products</b>	Carbon oxides. Nitrogen oxides. Aldehydes. Ammonia. Nitric acid. Toxic fumes. Irritating vapors.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	Toxic if inhaled. Causes respiratory tract burns. Vapors may have narcotic effect.
<b>Skin contact</b>	Causes severe skin burns. Harmful in contact with skin.
<b>Eye contact</b>	Causes serious eye damage.
<b>Ingestion</b>	Causes digestive tract burns. Harmful if swallowed.

**Symptoms related to the physical, chemical and toxicological characteristics** Dizziness. Nausea, vomiting. Diarrhea. May cause burns in mucous membranes, throat, esophagus and stomach. Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Coughing. Discomfort in the chest. Shortness of breath. May cause damage to mucous membranes in nose, throat, lungs and bronchial system.

### Information on toxicological effects

**Acute toxicity** Toxic if inhaled. Harmful in contact with skin. Harmful if swallowed.

<b>Components</b>	<b>Species</b>	<b>Test Results</b>
2-Furaldehyde (CAS 98-01-1)		
<b>Acute</b>		
<b>Inhalation</b>		
<i>Vapor</i>		
LD50	Rat	0.6 - 0.9 mg/l, 4 hours
<b>Oral</b>		
LD50	Rat	127 mg/kg
Carbon black (CAS 1333-86-4)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 3000 mg/kg
<b>Oral</b>		
LD50	Rat	> 8000 mg/kg
Furfuryl alcohol (CAS 98-00-0)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	400 mg/kg
<b>Inhalation</b>		
LC50	Rat	233 ppm, 4 Hours
<b>Oral</b>		
LD50	Rat	275 mg/kg
m-Phenylenebis(methylamine) (CAS 1477-55-0)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	2000 mg/kg
<b>Inhalation</b>		
<i>Aerosol</i>		
LC50	Rat	3.75 mg/l, 1 Hours
<b>Oral</b>		
LD50	Rat	930 mg/kg
<b>Skin corrosion/irritation</b>	Causes severe skin burns.	
<b>Serious eye damage/eye irritation</b>	Causes serious eye damage.	
<b>Respiratory or skin sensitization</b>		
<b>Respiratory sensitization</b>	Not a respiratory sensitizer.	
<b>Skin sensitization</b>	May cause an allergic skin reaction.	

**Germ cell mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** Suspected of causing cancer.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

2-Furaldehyde (CAS 98-01-1)	3 Not classifiable as to carcinogenicity to humans.
Carbon black (CAS 1333-86-4)	2B Possibly carcinogenic to humans.
Furfuryl alcohol (CAS 98-00-0)	2B Possibly carcinogenic to humans.

**NTP Report on Carcinogens**

Not listed.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)**

Not regulated.

**Reproductive toxicity** This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure** Not classified.

**Specific target organ toxicity - repeated exposure** May cause damage to organs (lung) through prolonged or repeated exposure.

**Aspiration hazard** Not an aspiration hazard.

**Chronic effects** May cause damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

## 12. Ecological information

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

Components		Species	Test Results
Carbon black (CAS 1333-86-4)			
<b>Aquatic</b>			
<i>Acute</i>			
Fish	LC50	Leuciscus idus	>= 1000 mg/l, 96 Hours
Furfuryl alcohol (CAS 98-00-0)			
<b>Aquatic</b>			
Crustacea	LC50	Water flea (Daphnia magna)	115 mg/l, 24 hours
Fish	LC50	Carp (Leuciscus idus melanotus)	701 mg/l, 48 hours

**Persistence and degradability** No data is available on the degradability of this product.

**Bioaccumulative potential**

**Partition coefficient n-octanol / water (log Kow)**

2-Furaldehyde (CAS 98-01-1)	0.41
Furfuryl alcohol (CAS 98-00-0)	0.28

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Incinerate the material under controlled conditions in an approved incinerator. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport information

### DOT

<b>UN number</b>	UN2922
<b>UN proper shipping name</b>	Corrosive liquids, toxic, n.o.s. (Aliphatic Amine, Furfuryl alcohol)
<b>Transport hazard class(es)</b>	
<b>Class</b>	8
<b>Subsidiary risk</b>	6.1
<b>Label(s)</b>	8, 6.1
<b>Packing group</b>	II
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	Yes
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Special provisions</b>	B3, IB2, T7, TP2
<b>Packaging exceptions</b>	154
<b>Packaging non bulk</b>	202
<b>Packaging bulk</b>	243

### IATA

<b>UN number</b>	UN2922
<b>UN proper shipping name</b>	Corrosive liquid, toxic, n.o.s. (Aliphatic Amine, Furfuryl alcohol)
<b>Transport hazard class(es)</b>	
<b>Class</b>	8
<b>Subsidiary risk</b>	6.1
<b>Packing group</b>	II
<b>Environmental hazards</b>	Yes
<b>ERG Code</b>	8P
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

### IMDG

<b>UN number</b>	UN2922
<b>UN proper shipping name</b>	CORROSIVE LIQUID, TOXIC, N.O.S. (Aliphatic Amine, Furfuryl alcohol)
<b>Transport hazard class(es)</b>	
<b>Class</b>	8
<b>Subsidiary risk</b>	6.1
<b>Packing group</b>	II
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	Yes
<b>EmS</b>	F-A, S-B
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not established.

**General information** IMDG Regulated Marine Pollutant. DOT Regulated Marine Pollutant.

## 15. Regulatory information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### **TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

### **CERCLA Hazardous Substance List (40 CFR 302.4)**

2-Furaldehyde (CAS 98-01-1) Listed.

### **SARA 304 Emergency release notification**

Not regulated.

### **OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)**

Not regulated.

### **Superfund Amendments and Reauthorization Act of 1986 (SARA)**

#### **SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical** Yes

**Classified hazard categories** Acute toxicity (any route of exposure)  
Skin corrosion or irritation  
Serious eye damage or eye irritation  
Respiratory or skin sensitization  
Carcinogenicity  
Specific target organ toxicity (single or repeated exposure)

**SARA 313 (TRI reporting)**  
Not regulated.

**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**  
Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**  
Not regulated.

**Safe Drinking Water Act (SDWA)** Contains component(s) regulated under the Safe Drinking Water Act.

**FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace**

2-Furaldehyde (CAS 98-01-1) High priority  
Furfuryl alcohol (CAS 98-00-0) Low priority

**US state regulations**

**US. Massachusetts RTK - Substance List**

2-Furaldehyde (CAS 98-01-1)  
Carbon black (CAS 1333-86-4)  
Furfuryl alcohol (CAS 98-00-0)  
m-Phenylenebis(methylamine) (CAS 1477-55-0)

**US. New Jersey Worker and Community Right-to-Know Act**

2-Furaldehyde (CAS 98-01-1)  
Carbon black (CAS 1333-86-4)  
Furfuryl alcohol (CAS 98-00-0)  
m-Phenylenebis(methylamine) (CAS 1477-55-0)

**US. Pennsylvania Worker and Community Right-to-Know Law**

2-Furaldehyde (CAS 98-01-1)  
Carbon black (CAS 1333-86-4)  
Furfuryl alcohol (CAS 98-00-0)  
m-Phenylenebis(methylamine) (CAS 1477-55-0)

**US. Rhode Island RTK**

2-Furaldehyde (CAS 98-01-1)  
Carbon black (CAS 1333-86-4)  
Furfuryl alcohol (CAS 98-00-0)  
m-Phenylenebis(methylamine) (CAS 1477-55-0)

**California Proposition 65**



**WARNING:** This product can expose you to chemicals including Furfuryl alcohol, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**California Proposition 65 - CRT: Listed date/Carcinogenic substance**

Carbon black (CAS 1333-86-4) Listed: February 21, 2003  
Furfuryl alcohol (CAS 98-00-0) Listed: September 30, 2016

**US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))**

Carbon black (CAS 1333-86-4)  
Furfuryl alcohol (CAS 98-00-0)

**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No

Country(s) or region	Inventory name	On inventory (yes/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
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

<b>Issue date</b>	21-June-2016
<b>Revision date</b>	05-November-2018
<b>Version</b>	C
<b>HMIS® ratings</b>	Health: 3* Flammability: 1 Physical hazard: 0

### NFPA ratings



### Disclaimer

ABB Installation Products Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.