SAFETY DATA SHEET



SDS-00030 [Sealing Cement]

Section 1. Identification

GHS product identifier : SDS-00030 [Sealing Cement]
Product code : EXSC-2,EXSC-8, EXSC-16

Other means of identification

: Not available.

Product type : Solid.

Relevant identified uses of the substance or mixture and uses advised against

Product use : Sealants

Area of application : Consumer applications.

Manufacturer : ABB Installation Products Inc.

860 Ridge Lake Blvd. Memphis, TN 38120, US

Telephone no.: 1-888-862-3289

Emergency telephone number (with hours of operation) : INFOTRAC – 24 Hours 1-800-535-5053

+1 352-323-3500 (Outside USA)

Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard

(29 CFR 1910.1200).

Classification of the substance or mixture

: H350

CARCINOGENICITY - Category 1A

H370 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) -

Categ

H372 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) -

Category 1

GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H350 - May cause cancer.

H370 - Causes damage to organs.

H372 - Causes damage to organs through prolonged or repeated exposure. (lungs)

Precautionary statements

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Section 2. Hazards identification

Prevention: P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood. P280 - Wear protective gloves, protective clothing and eye or face protection.

P260 - Do not breathe dust.

P270 - Do not eat, drink or smoke when using this product.

P264 - Wash thoroughly after handling.

Response: P308 + P311 - IF exposed: Call a POISON CENTER or doctor.

Storage : P405 - Store locked up.

Disposal : P501 - Dispose of contents and container in accordance with all local, regional, national

and international regulations.

Supplemental label

elements

: Do not taste or swallow. Wash thoroughly after handling.

Hazards not otherwise

classified

: Causes digestive tract burns.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture
Other means of : Not available.

identification

Ingredient name	Other names	%	Identifiers
Cement, portland, chemicals	-	≥60 - ≤70	CAS: 65997-15-1
crystalline silica, respirable powder	-	≥10 - ≤20	CAS: 14808-60-7
hydroxyaluminium distearate	Dehymulus E	≥5 - ≤10	CAS: 300-92-5
calcium sulfate	-	≥1 - ≤5	CAS: 7778-18-9

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower

eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention. If necessary, call a poison center or physician.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not

breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial

respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar,

tie, belt or waistband.

Skin contact: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes.

Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. If necessary, call a poison center or physician. Wash clothing before reuse. Clean shoes thoroughly before

reuse.

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Section 4. First aid measures

Ingestion

: Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact : No known significant effects or critical hazards.

Inhalation : Causes damage to organs following a single exposure if inhaled.

Skin contact : Causes damage to organs following a single exposure in contact with skin.

Ingestion : Corrosive to the digestive tract. Causes burns. Causes damage to organs following a

single exposure if swallowed.

Over-exposure signs/symptoms

Eye contact : No specific data. Inhalation : No specific data. Skin contact : No specific data.

Ingestion : Adverse symptoms may include the following:

stomach pains

Indication of immediate medical attention and special treatment needed, if necessary

: Treat symptomatically. Contact poison treatment specialist immediately if large Notes to physician

quantities have been ingested or inhaled.

: No specific treatment. Specific treatments

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training. If it is

suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water

before removing it, or wear gloves.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing

media

: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing

media

: Do not use water jet.

Specific hazards arising

from the chemical

: No specific fire or explosion hazard.

Hazardous thermal decomposition products : Decomposition products may include the following materials:

carbon dioxide carbon monoxide sulfur oxides metal oxide/oxides

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Section 5. Fire-fighting measures

Special protective actions for fire-fighters

Special protective equipment for fire-fighters

- : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For nonemergency personnel".

Environmental precautions

: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Small spill

: Move containers from spill area. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor.

Large spill

: Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor.

Section 7. Handling and storage

Precautions for safe handling

Protective measures

: Put on appropriate personal protective equipment (see Section 8). Avoid exposure obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

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Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
Cement, portland, chemicals	ACGIH TLV (United States, 1/2024) A4.
	TWA 8 hours: 1 mg/m³. Form: Respirable fraction.
	NIOSH REL (United States, 10/2020)
	TWA 10 hours: 10 mg/m³. Form: Total.
	TWA 10 hours: 5 mg/m³. Form: Respirable fraction.
	OSHA PEL (United States, 5/2018)
	TWA 8 hours: 15 mg/m³. Form: Total dust.
	TWA 8 hours: 5 mg/m³. Form: Respirable fraction.
crystalline silica, respirable powder	ACGIH TLV (United States, 1/2024) [Silica,
	crystalline] A2.
	TWA 8 hours: 0.025 mg/m³. Form: Respirable fraction.
	NIOSH REL (United States, 10/2020) [SILICA,
	CRYSTALLINE] NIA.
	TWA 10 hours: 0.05 mg/m³. Form: respirable dust. OSHA PEL (United States, 5/2018) [Silica,
	crystalline]
	TWA 8 hours: 50 μg/m³. Form: Respirable dust.
	OSHA PEL Z3 (United States, 6/2016)
	TWA 8 hours: 250 / (%SjQ ₂ +5) mppcf. Form:
	Respirable.
	TWA 8 hours: 10 / (%SjO ₂ +2) mg/m³. Form:
	Respirable.
	CAL OSHA PEL (United States, 5/2018)
	TWA 8 hours: 0.05 mg/m³.
hydroxyaluminium distearate	ACGIH TLV (United States, 1/2024) [Stearates] A4.
,,	TWA 8 hours: 10 mg/m³. Form: Inhalable fraction.
	TWA 8 hours: 3 mg/m³. Form: Respirable fraction.
	ACGIH TLV (United States, 1/2024) [Aluminum,
	metal and insoluble compounds] A4.
	TWA 8 hours: 1 mg/m³. Form: Respirable fraction.
	CAL OSHA PEL (United States, 5/2018) [stearates]
	TWA 8 hours: 10 mg/m ³ .
calcium sulfate	ACGIH TLV (United States, 1/2024) [Calcium sulfate]
	TWA 8 hours: 10 mg/m³. Form: Inhalable fraction.
	NIOSH REL (United States, 10/2020)
	TWA 10 hours: 10 mg/m³. Form: Total.
	TWA 10 hours: 5 mg/m³. Form: Respirable fraction.
	OSHA PEL (United States, 5/2018) TWA 8 hours: 15 mg/m³. Form: Total dust.
	TWA 8 hours: 15 mg/m³. Form: Total dust. TWA 8 hours: 5 mg/m³. Form: Respirable fraction.
	CAL OSHA PEL (United States, 5/2018)
	TWA 8 hours: 10 mg/m³. Form: total dust.
	TWA 8 hours: 5 mg/m³. Form: respirable fraction.
	1 W/ Co floats. o mg/m . I offit. Tospitable flaction.

Biological exposure indices

None known.

Appropriate engineering controls

: If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

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Section 8. Exposure controls/personal protection

Environmental exposure controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection

Hand protection

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. Use alkali resistant protective gloves.

Body protection

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection

: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection

Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

Appearance

: Solid. [solid: particulate/powder, Granules] Physical state

Color : Not available.

Odor : Mild.

Not available. Odor threshold рH : Not available. **Melting point/freezing point** : Not available. **Boiling point or initial** : Not available.

range

Flash point : Not applicable. **Evaporation rate** : Not available. **Flammability** : Not available. Lower and upper explosion : Not applicable.

limit/flammability limit

boiling point and boiling

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Section 9. Physical and chemical properties

Vapor pressure : Not available. Relative vapor density Not applicable.

Relative density : 2.56

: Not available. Density Solubility(ies) : Not available. Partition coefficient: n-: Not applicable.

octanol/water

Auto-ignition temperature : Not applicable. **Decomposition temperature** : Not available. SADT : Not available.

Viscosity : Dynamic (room temperature): Not available.

> Kinematic (room temperature): Not available. Kinematic (40°C (104°F)): Not available.

Particle characteristics

Median particle size : Not available.

Other information

Physical/chemical : No additional information. properties comments

Section 10. Stability and reactivity

Reactivity : No specific test data related to reactivity available for this product or its ingredients.

Chemical stability : The product is stable.

Possibility of hazardous

reactions

: Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous polymerization will not occur.

Conditions to avoid : Avoid contact with water or humidity.

Incompatible materials : Strong oxidizing materials

> Alkaline. acids

Ammonium salt.

phosphorus compounds

Hazardous decomposition

products

: Under normal conditions of storage and use, hazardous decomposition products should

not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name Result

SDS-00030 [Sealing Cement] Rat - Oral - LD50 2419 mg/kg

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Section 11. Toxicological information

Conclusion/Summary [Product] : Not available.

Skin corrosion/irritation

Conclusion/Summary [Product] : Not available.

Serious eye damage/eye irritation

Conclusion/Summary [Product] : Not available.

Respiratory corrosion/irritation

Conclusion/Summary [Product]: Not available.

Respiratory or skin sensitization

Skin

Conclusion/Summary [Product] : Not available.

Respiratory

Conclusion/Summary [Product] : Not available.

Germ cell mutagenicity

Conclusion/Summary [Product] : Not available.

<u>Carcinogenicity</u>

Conclusion/Summary [Product] : Not available.

Classification

Product/ingredient name	OSHA	IARC	NTP
crystalline silica, respirable powder	+	1	Known to be a human carcinogen.

Reproductive toxicity

Conclusion/Summary [Product] : Not available.

Specific target organ toxicity (single exposure)

Product/ingredient name Result

crystalline silica, respirable powder SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) -

Category 1

hydroxyaluminium distearate SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)

(Respiratory tract irritation) - Category 3

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Section 11. Toxicological information

Specific target organ toxicity (repeated exposure)

Product/ingredient name Result

crystalline silica, respirable powder SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE)

(lungs) (inhalation) - Category 1

Aspiration hazard

Not available.

Information on the likely routes of exposure

Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.

Potential acute health effects

Eye contact: No known significant effects or critical hazards.

Inhalation : Causes damage to organs following a single exposure if inhaled.

Skin contact: Causes damage to organs following a single exposure in contact with skin.

ingestion : Corrosive to the digestive tract. Causes burns. Causes damage to organs following a

single exposure if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact: No specific data.Inhalation: No specific data.Skin contact: No specific data.

Ingestion: Adverse symptoms may include the following:

stomach pains

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate

effects

: Not available.

Potential delayed effects : Not available.

Long term exposure

Potential immediate

: Not available.

effects

Potential delayed effects : Not available.

Potential chronic health effects

Conclusion/Summary [Product] : Not available.

General : Causes damage to organs through prolonged or repeated exposure.

Carcinogenicity: May cause cancer. Risk of cancer depends on duration and level of exposure.

Mutagenicity : No known significant effects or critical hazards.Reproductive toxicity : No known significant effects or critical hazards.

Numerical measures of toxicity

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Section 11. Toxicological information

Acute toxicity estimates

Product/ingredient name	(Dermal (mg/kg)	Inhalation (gases) (ppm)	(vapors)	Inhalation (dusts and mists) (mg/l)
SDS-00030 [Sealing Cement]	2419	N/A	N/A	N/A	N/A

Section 12. Ecological information

Toxicity

Product/ingredient name

Result

calcium sulfate Acute - LC50 - Fresh water <u>Effect</u>: Mortality

Crustaceans - Water flea - Ceriodaphnia dubia

Age: <24 hours >1910 mg/l [48 hours]

Chronic - NOEC - Fresh water <u>Effect</u>: Reproduction

Daphnia - Water flea - Daphnia magna -

Neonate <u>Age</u>: <24 hours 360 mg/l [3 weeks]

Chronic - NOEC - Fresh water Effect: Mortality

Fish - Vendace - Coregonus albula -

Egg

233 mg/l [60 days]

Acute - LC50 - Fresh water <u>Effect</u>: Mortality

Fish - Bluegill - Lepomis macrochirus

2980 ppm [96 hours]

Conclusion/Summary [Product] : Not available.

Persistence and degradability

Conclusion/Summary [Product] : Not available.

Bioaccumulative potential

Not available.

Mobility in soil

Soil/Water partition : Not available.

coefficient

Other adverse effects

No known significant effects or critical hazards.

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Section 13. Disposal considerations

Disposal methods

: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

	DOT Classification	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-
Transport hazard class(es)	-	-	-
Packing group	-	-	-
Environmental hazards	No.	No.	No.

Special precautions for user : Transport within user's premises: always transport in closed containers that are

upright and secure. Ensure that persons transporting the product know what to do in the

event of an accident or spillage.

Transport in bulk according

to IMO instruments

: Not available.

Section 15. Regulatory information

U.S. Federal regulations : TSCA 8(a) CDR Exempt/Partial exemption: Not determined

United States inventory (TSCA 8b): All components are active or exempted.

TSCA 12(b) - Chemical export notification

Not applicable.

Clean Air Act Section 112

: Not listed

(b) Hazardous Air Pollutants (HAPs)

Clean Air Act Section 602

: Not listed

Class I Substances

Clean Air Act Section 602

Class II Substances

: Not listed

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Section 15. Regulatory information

DEA List I Chemicals

: Not listed

(Precursor Chemicals)

DEA List II Chemicals (Essential Chemicals)

: Not listed

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ : Not applicable.

SARA 311/312

Classification : CARCINOGENICITY - Category 1A

> SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 1 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1

HNOC - Corrosive to digestive tract

Composition/information on ingredients

Name	%	Classification
Cement, portland, chemicals crystalline silica, respirable powder	≥60 - ≤70 ≥10 - ≤20	HNOC - Corrosive to digestive tract CARCINOGENICITY - Category 1A SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) -
periodic.		Category 1 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1
hydroxyaluminium distearate	≥5 - ≤10	COMBUSTIBLE DUSTS SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3

SARA 313

Not applicable.

State regulations

Massachusetts : The following components are listed: PORTLAND CEMENT; SILICA, CRYSTALLINE,

QUARTZ; CALCIUM SULFATE

New York : None of the components are listed.

New Jersey : The following components are listed: SILICATE, PORTLAND CEMENT; SILICA,

QUARTZ; CALCIUM SULFATE

Pennsylvania : The following components are listed: CEMENT, PORTLAND, CHEMICALS; QUARTZ

DUST; CALCIUM SULFATE

California Prop. 65



MARNING: This product can expose you to Silica, crystalline, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Ingredient name	No significant risk level	Maximum acceptable dosage level
Silica, crystalline	-	-

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol

Not listed.

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Section 15. Regulatory information

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Section 16. Other information

Hazardous Material Information System (U.S.A.)



Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

National Fire Protection Association (U.S.A.)



Procedure used to derive the classification

Classification	Justification
CARCINOGENICITY - Category 1A	Calculation method
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 1	Calculation method
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1	Calculation method

History

Date of issue/Date of

revision

: 03/27/2025

Date of previous issue

: No previous validation

Version

: 1

Prepared by

: Sphera Solutions

Key to abbreviations

: ATE = Acute Toxicity EstimateBCF = Bioconcentration FactorGHS = Globally

Harmonized System of Classification and Labelling of ChemicalsIATA = International Air Transport AssociationIBC = Intermediate Bulk ContainerIMDG = International Maritime Dangerous GoodsIMO = International Maritime OrganizationLogPow = logarithm of the octanol/water partition coefficientMARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)N/A = Not availableSGG = Segregation GroupTDG = Transportation of

Dangerous GoodsUN = United Nations

References : HCS (U.S.A.) - Hazard Communication StandardInternational transport regulations

✓ Indicates information that has changed from previously issued version.

Notice to reader

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Section 16. Other information

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.

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