SAFETY DATA SHEET



SDS-00015 [Ocal PVC Patching Compound Dark Grey]

Section 1. Identification

GHS product identifier : SDS-00015 [Ocal PVC Patching Compound Dark Grey]

Product code : PATCHG-G, PATCHP-G

Other means of identification

: Not available.

Product type : Liquid.

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

Product use : Water Extendible Coating.

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

: H317 SKIN SENSITIZATION - Category 1

substance or mixture H360 TOXIC TO REPRODUCTION - Category 1B

H373 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) -

Category 2

GHS label elements

Hazard pictograms :





Signal word : Danger

Hazard statements: H317 - May cause an allergic skin reaction.

H360 - May damage fertility or the unborn child.

H373 - May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

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 vapor.

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Section 2. Hazards identification

Response: P308 + P313 - IF exposed or concerned: Get medical advice or attention.

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

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

P363 - Wash contaminated clothing before reuse.

Storage: P405 - Store locked up.

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

and international regulations.

Hazards not otherwise

classified

: None known.

Section 3. Composition/information on ingredients

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

identification

Ingredient name	Other names	%	Identifiers
benzyl alcohol	Titanium dioxide	≥1 - ≤5	CAS: 100-51-6
titanium dioxide		≥1 - ≤5	CAS: 13463-67-7
carbon black, non respirable		≥0.1 - ≤1	CAS: 1333-86-4

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 following exposure or if feeling unwell.

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 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: Wash with plenty of soap and 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. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean

shoes thoroughly before reuse.

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. 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.

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Section 4. First aid measures

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact : No known significant effects or critical hazards. Inhalation : No known significant effects or critical hazards.

Skin contact : May cause an allergic skin reaction.

Ingestion : No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact : No specific data.

Inhalation : Adverse symptoms may include the following:

> reduced fetal weight increase in fetal deaths skeletal malformations

Skin contact : Adverse symptoms may include the following:

> irritation redness

reduced fetal weight increase in fetal deaths skeletal malformations

Ingestion : Adverse symptoms may include the following:

> reduced fetal weight increase in fetal deaths skeletal malformations

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.

Specific treatments : No specific treatment.

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 dry chemical, CO₂, alcohol-resistant foam or water spray (fog).

Unsuitable extinguishing

media

: Do not use water jet.

Specific hazards arising

from the chemical

: In a fire or if heated, a pressure increase will occur and the container may burst.

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

carbon dioxide carbon monoxide metal oxide/oxides Toxic gases

Date of revision : 10- June 2024 : 4- April 2025 Date of previous issue Version : G 3/14

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. Avoid breathing vapor or mist. 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

: Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill

: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Contain and collect spillage with non-combustible, absorbent material e. g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Section 7. Handling and storage

Precautions for safe handling

Protective measures

: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. 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.

Date of revision : 4- April 2025 Date of previous issue 4/14 : 10- June 2024 Version : G

Section 7. Handling and storage

including any incompatibilities

Conditions for safe storage, : Store in accordance with local regulations. Shelf life: 1 Year/Temperature controlled. 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.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
benzyl alcohol	OARS WEEL (United States, 9/2024)
	TWA 8 hours: 10 ppm.
titanium dioxide	ACGIH TLV (United States, 1/2024) A3.
	TWA 8 hours: 2.5 mg/m³. Form: respirable fraction,
	finescale particles.
	NIOSH REL (United States, 10/2020) NIA.
	OSHA PEL (United States, 5/2018)
	TWA 8 hours: 15 mg/m³. Form: Total dust.
	CAL OSHA PEL (United States, 5/2018)
	TWA 8 hours: 5 mg/m³ (as Ti). Form: respirable
	fraction.
	TWA 8 hours: 10 mg/m³ (as Ti). Form: total dust.
carbon black, non respirable	ACGIH TLV (United States, 1/2024) A3.
	TWA 8 hours: 3 mg/m³. Form: Inhalable fraction.
	NIOSH REL (United States, 10/2020) NIA.
	TWA 10 hours: 3.5 mg/m³.
	TWA 10 hours: 0.1 mg/m³ (as cyclohexane-
	extractable fraction).
	OSHA PEL (United States, 5/2018)
	TWA 8 hours: 3.5 mg/m³.
	CAL OSHA PEL (United States, 5/2018)
	TWA 8 hours: 3.5 mg/m³.

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.

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

Date of revision : 10- June 2024 : 4- April 2025 Date of previous issue Version : G 5/14

Section 8. Exposure controls/personal protection

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. Contaminated work clothing should not be allowed out of the workplace. 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. Recommended: nitrile rubber, butyl rubber, neoprene rubber.

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.

: Appropriate footwear and any additional skin protection measures should be selected Other skin protection

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. Recommended: If operating conditions cause high vapor, mist or dust concentrations or

the TLV is exceeded, use NIOSH-certified, supplied-air respirator.

Section 9. Physical and chemical properties

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

Appearance

Physical state : Liquid. [Heavy glossy fluid.]

: Not available. Color

Odor : Mild.

Odor threshold : Not available. Нα : Not available. : 0°C (32°F) Melting point/freezing point

Boiling point or initial boiling point and boiling

range

Flash point

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

limit/flammability limit

: Not available.

: >93°C (>199.4°F)

: Closed cup: >93°C (>199.4°F)

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

Date of revision : 4- April 2025 Date of previous issue : 10- June 2024 Version : G 6/14

Section 9. Physical and chemical properties

Relative density : 1.08

Density : Not available.

Solubility(ies) : Not available.

Partition coefficient: n- : Not applicable.

octanol/water

Auto-ignition temperature : Not available.

Decomposition temperature : Not available.

SADT : Not available.

Viscosity : 8000 - 16000 cps

Particle characteristics

Median particle size : Not applicable.

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 : Shelf life: 1 Year/Temperature controlled.

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 : Keep from freezing.

Incompatible materials: Reactive or incompatible with the following materials: oxidizing materials and reducing

materials.

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-00015 [Ocal PVC Patching Rat - Inhalation - LC50 Dusts and

Compound Dark Grey] mists

390 mg/l [4 hours]

benzyl alcohol Rat - Oral - LD50 <u>Toxic effects</u>: Behavioral - Somnolence

1230 mg/kg (general depressed activity) Behavioral -

Excitement Behavioral - Coma

Rabbit - Dermal - LD50

2000 mg/kg

carbon black, non respirable Rat - Oral - LD50 <u>Toxic effects</u>: Behavioral - Somnolence

>15400 mg/kg (general depressed activity)

Rabbit - Dermal - LD50

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Section 11. Toxicological information

>3 g/kg

Rat - Inhalation - LC50 Dusts and

mists

6.75 mg/l [4 hours]

Conclusion/Summary [Product] : Not available.

Skin corrosion/irritation

Product/ingredient name Result

benzyl alcohol Rabbit - Skin - Moderate irritant

Duration of treatment/exposure: 24

hours

Amount/concentration applied: 100 mg

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.

Carcinogenicity

Conclusion/Summary [Product] : Not available.

Classification

Product/ingredient name	OSHA	IARC	NTP
titanium dioxide	-	2B	-
carbon black, non respirable	-	2B	-

Reproductive toxicity

Date of revision: 4- April 2025 Date of previous issue: 10- June 2024 Version: G 8/14

Section 11. Toxicological information

Conclusion/Summary [Product] : Not available.

Specific target organ toxicity (single exposure)

Product/ingredient name Result

benzyl alcohol SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)

(Respiratory tract irritation) - Category 3

titanium dioxide SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)

(Respiratory tract irritation) - Category 3

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)

(Narcotic effects) - Category 3

Specific target organ toxicity (repeated exposure)

Product/ingredient name Result

SDS-00015 [Ocal PVC Patching Compound SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE)

Dark Grey] - Category 2

titanium dioxide SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE)

- Category 1

carbon black, non respirable SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE)

- Category 2

Aspiration hazard

Not available.

Information on the likely routes of exposure

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

Potential acute health effects

Eye contactInhalationNo known significant effects or critical hazards.No known significant effects or critical hazards.

Skin contact: May cause an allergic skin reaction.

Ingestion: No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : No specific data.

Inhalation : Adverse symptoms may include the following:

reduced fetal weight increase in fetal deaths skeletal malformations

Skin contact: Adverse symptoms may include the following:

irritation redness

reduced fetal weight increase in fetal deaths skeletal malformations

Ingestion: Adverse symptoms may include the following:

reduced fetal weight increase in fetal deaths skeletal malformations

Date of revision: 4- April 2025Date of previous issue: 10- June 2024Version : G9/14

Section 11. Toxicological information

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

Short term exposure

Potential immediate

: Not available.

effects

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: May cause damage to organs through prolonged or repeated exposure. Once

sensitized, a severe allergic reaction may occur when subsequently exposed to very low

levels.

Carcinogenicity : No known significant effects or critical hazards.Mutagenicity : No known significant effects or critical hazards.

Reproductive toxicity: May damage fertility or the unborn child.

Numerical measures of toxicity

Acute toxicity estimates

Product/ingredient name	Oral(mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
SDS-00015 [Ocal PVC Patching Compound Dark Grey]	2500	2069.0	N/A	N/A	390
benzyl alcohol carbon black, non respirable	1230 N/A	2000 2500	N/A N/A	N/A N/A	N/A 6.75

Section 12. Ecological information

Toxicity

Product/ingredient name Result

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

Fish - Bluegill - *Lepomis macrochirus*

10 ppm [96 hours]

Acute - EC50 - Fresh water OECD [Daphnia sp. Acute

Daphnia Immobilization Test and Reproduction

230 mg/l [48 hours] Test]

Chronic - NOEC - Fresh water OECD [Daphnia Magna Reproduction

Daphnia Te

51 mg/l [21 days]

Acute - EC50 - Fresh water OECD [Alga, Growth Inhibition Test]

Algae

495 mg/l [72 hours]

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Section 12. Ecological information

Acute - NOEC - Fresh water

Algae

309 mg/l [72 hours]

carbon black, non respirable Acute - EC50 - Fresh water

Algae

>10000 mg/l [72 hours]

Acute - NOEC - Fresh water

Algae

>10000 mg/l [72 hours]

OECD [Alga, Growth Inhibition Test]

OECD [Alga, Growth Inhibition Test]

OECD [Alga, Growth Inhibition Test]

Conclusion/Summary [Product]

: Not available.

Persistence and degradability

Conclusion/Summary [Product] : Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
benzyl alcohol	-	-	Readily

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
benzyl alcohol	0.87	-	Low

Mobility in soil

Soil/Water partition coefficient

: Not available.

Other adverse effects

No known significant effects or critical hazards.

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.

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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 : Not available.

to IMO instruments

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

Class I Substances

: Not listed

Clean Air Act Section 602

Class II Substances

: Not listed

DEA List I Chemicals

(Precursor Chemicals)

: Not listed

DEA List II Chemicals

: Not listed

(Essential Chemicals)

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ : Not applicable.

SARA 311/312

Classification : SKIN SENSITIZATION - Category 1

TOXIC TO REPRODUCTION - Category 1B

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2

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Section 15. Regulatory information

Composition/information on ingredients

Name	%	Classification
benzyl alcohol	≥1 - ≤5	ACUTE TOXICITY (oral) - Category 4 ACUTE TOXICITY (dermal) - Category 4 SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A SKIN SENSITIZATION - Category 1B TOXIC TO REPRODUCTION - Category 1B SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)
titanium dioxide	≥1 - ≤5	(Respiratory tract irritation) - Category 3 CARCINOGENICITY - Category 2 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1
carbon black, non respirable	≥0.1 - ≤1	SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2

SARA 313

Not applicable.

State regulations

Massachusetts : The following components are listed: BENZYL ALCOHOL; TITANIUM DIOXIDE;

CARBON BLACK

New York : None of the components are listed.

New Jersey : The following components are listed: TITANIUM DIOXIDE; CARBON BLACK

Pennsylvania : The following components are listed: BENZENEMETHANOL; TITANIUM OXIDE;

CARBON BLACK

California Prop. 65

★ WARNING: This product can expose you to Titanium dioxide, 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
Titanium dioxide	-	-

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol

Not listed.

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.

Date of revision: 4- April 2025Date of previous issue: 10- June 2024Version: G

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
SKIN SENSITIZATION - Category 1	Calculation method
TOXIC TO REPRODUCTION - Category 1B	Calculation method
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2	Expert judgment

History

Date of issue/Date of

revision

: 04/03/2025

Date of previous issue

: No previous validation

Version

: 1

Prepared by Key to abbreviations : Sphera Solutions: 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

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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