## SAFETY DATA SHEET



The information in this Safety Data Sheet is required pursuant to Hazardous Product Regulations 2015.

Date of issue/Date of revision 3 September 2023

Version 6.01

### **Section 1. Identification**

Product name : SIGMAFAST 278 BASE RAL 9002

Product code : 00428169

Other means of : Not available.

identification Product type

: Liquid.

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

Product use : Professional applications, Used by spraying.

Use of the substance/

mixture

: Coating.

Uses advised against : Not applicable.

Supplier : PPG Architectural Coatings Canada, Inc.

1550, rue Ampère, bureau 500 Boucherville (Québec) J4B 7L4

Canada

+1 450-655-3121

PPG Industries, Inc.
One PPG Place
Pittsburgh, PA 15272
: (412) 434-4515 (U.S.)

**Emergency telephone** 

<u>number</u>

(514) 645-1320 (Canada)

SETIQ Interior de la República: 800-00-214-00 (México) SETIQ Ciudad de México: (55) 5559-1588 (México)

**Technical Phone Number**: 888-977-4762

### Section 2. Hazard identification

Classification of the substance or mixture

: FLAMMABLE LIQUIDS - Category 3 SKIN CORROSION - Category 1 SERIOUS EYE DAMAGE - Category 1 SKIN SENSITIZATION - Category 1A CARCINOGENICITY - Category 1

TOXIC TO REPRODUCTION - Category 2

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1

Health Hazards Not Otherwise Classified - Category 1

Canada Page: 1/20

### Section 2. Hazard identification

This product contains TiO2 which has been classified as a GHS Carcinogen Category 2 based on its IARC 2B classification. For many products, TiO2 is utilized as a raw material in a liquid coating formulation. In this case, the TiO2 particles are bound in a matrix with no meaningful potential for human exposure to unbound particles of TiO2 when the product is applied with a brush or roller. Sanding the coating surface or mist from spray applications may be harmful depending on the duration and level of exposure and require the use of appropriate personal protective equipment and/or engineering controls (see Section 8).

# GHS label elements Hazard pictograms









### Signal word

: Danger

**Hazard statements** 

: Flammable liquid and vapor.

Causes severe skin burns and eye damage.

May cause an allergic skin reaction.

May cause cancer.

Suspected of damaging fertility or the unborn child.

Causes damage to organs through prolonged or repeated exposure.

Causes digestive tract burns.

#### **Precautionary statements**

**Prevention** 

: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not breathe vapor. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.

#### Response

: IF exposed or concerned: Get medical advice or attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor. IF SWALLOWED: Immediately call a POISON CENTER or doctor. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Immediately call a POISON CENTER or doctor. Wash contaminated clothing before reuse. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention. 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 or doctor.

### Storage Disposal

: Store locked up.

## Supplemental label elements

: Dispose of contents and container in accordance with all local, regional, national and international regulations.

: Sanding and grinding dusts may be harmful if inhaled. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Do not taste or swallow. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapor/aerosol concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death. Wash thoroughly after handling. Emits toxic fumes when heated.

Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 32.1% (oral), 58.6% (dermal), 65.5% (inhalation)

Canada Page: 2/20

## Section 3. Composition/information on ingredients

**Substance/mixture**: Mixture

Product name : SIGMAFAST 278 BASE RAL 9002

Other means of : Not available.

identification

### **CAS** number/other identifiers

| Ingredient name                                     | Synonyms  | % (w/w)  | CAS number |
|---|---|----------|------------|
| rystalline silica, respirable powder (>10 microns)  | alpha-quartz; Silica, crystalline (quartz);<br>Silica, Crystalline Quartz; SILICA,<br>CRYSTALLINE, QUARTZ; Silica-<br>Crystalline, Quartz; Silica - Crystalline<br>Quartz; Silica-Crystalline : Quartz; Silica,<br>crystalline - quartz   | 10 - 30* | 14808-60-7 |
| bis-[4-(2,3-epoxipropoxi)phenyl] propane            | 2,2'-[(1-methylethylidene)bis (4,1-phenyleneoxymethylene)]bisoxirane; Oxirane, 2,2'-[(1-methylethylidene)bis (4,1-phenyleneoxymethylene)]bis-; Bisphenol A diglycidyl ether; Bisphenol A, diglycidyl ether; Bis-[4-(2,3-epoxypropoxy) phenyl]propane; 2,2-bis[4- (2,3-epoxypropoxy)phenyl]propane; Propane, 2,2-bis(p-(2,3-epoxypropoxy) phenyl)-; diglycidyl ether of bisphenol-A; 2,2-bis(4-hydroxyphenyl) propane bis (2,3-epoxypropyl) ether; Araldite; DIPHENYLOL PROPANE DIGLYCIDYL ETHER | 10 - 30* | 1675-54-3  |
| Limestone   | Calcium carbonate; Marble; calcite;<br>MARBLE DUST; VALERITE; GROUND<br>LIMESTONE; LIMESTONE FLOUR;<br>LIMESTONE, GROUND; Agstone;<br>CALCIUM CARBONATE (MARBLE)  | 7 - 13*  | 1317-65-3  |
| Talc , not containing asbestiform fibres            | Talc; magnesium silicate monohydrate (talc) not containing asbestiform fibres   | 5 - 10*  | 14807-96-6 |
| crystalline silica, respirable powder (<10 microns) | alpha-quartz; Silica, crystalline (quartz);<br>Silica, Crystalline Quartz; SILICA,<br>CRYSTALLINE, QUARTZ; Silica-<br>Crystalline, Quartz; Silica - Crystalline<br>Quartz; Silica-Crystalline : Quartz; Silica,<br>crystalline - quartz   | 5 - 10*  | 14808-60-7 |
| 4-nonylphenol, branched                             | Phenol, 4-nonyl-, branched; Branched<br>4-nonylphenol (mixed isomers);<br>Nonylphenol, 4-branched; N-<br>NONYLPHENOL; Nonylphenol; C9-<br>Branched alkyl phenol; Branched p-<br>nonylphenol; 4-Nonylphenol (branched);<br>Monoalkyl(C3-9)phenol; C9 branched<br>alkyl phenol; Branched 4-nonylphenol  | 3 - 7*   | 84852-15-3 |
| titanium dioxide                                    | Titanium oxide; Titanium oxide (TiO2); CI   | 3 - 7*   | 13463-67-7 |

Canada Page: 3/20

Canada

Page: 4/20

## Section 3. Composition/information on ingredients

| Section 3. Composition                          | minormation on ingredient   | LO         |            |
|---|---|------------|------------|
|   | 77891; Titanium peroxide; Rutile; C.I. Pigment White 6; titanium dioxide coated with isopropoxytitanium triisostearate, containing by weight 1,5 % or more but not more than 2,5 % of isopropoxytitanium triisostearate; glass flakes (CAS RN 65997-17-3): — of a thickness of 0,3 µm or more but not more than 10 µm, and — coated with titanium dioxide (CAS RN 13463-67-7) or iron oxide (CAS RN 18282- 10-5); titanium dioxide, other than those of heading 3206 11 00; C.I. 77891; E 171; titanium(IV) oxide, other than those of heading 3206 11 00 |            |            |
| xylene  | Benzene, dimethyl-; Xylol; xylene, mixed isomers, pure; xylene, crude; Benzene, dimethyl-,; Xylene (mixed); Xylenes; Dimethylbenzene; XYLENES (Isomer Mixture); xylene (mixture), including m-xylene, o-xylene, p-xylene; XYLENE, mixture of isomers  | 3 - 7*     | 1330-20-7  |
| 1-methoxy-2-propanol                            | monopropylene glycol methyl ether; 1-methoxypropan-2-ol; 2-Propanol, 1-methoxy-; Propylene glycol monomethyl ether; Dowtherm 209; Propylene glycol methyl ether; 1-Methoxy- 2-hydroxypropane; 2-Methoxy- 1-methylethanol; PGME; mixture containing by weight: — 69 % or more but not more than 71 % of 1-methoxypropan- 2-ol (CAS RN 107-98-2), — 29 % or more but not more than 31 % of 2-methoxy- 1-methylethyl acetate (CAS RN 108-65-6); methoxyisopropanol   | 1 - 5*     | 107-98-2   |
| oxirane, mono[(C12-14-alkyloxy) methyl] derivs. | Oxirane, 2-[(C12-14-alkyloxy)methyl] derivs.; Alkyl (C12-C14) Glycidyl Ether; Oxirane, mono[(C12-14-alkyloxy)methyl] derivatives; (C12-14) Alkylglycidyl ether; Oxirane, mono((C12-14-alkyloxy)methyl) derivatives; Alkyl -C12-14-glycidyl ether; oxirane, mono[(C12-14-alkyloxy)methyl] derivs; Oxirane, mono[(C12-14-alkyloxy)methyl] derivs; Oxirane, mono[(alkyl(C=12-14)oxy)methyl] derivs.; Glycidol derivatives; C12-14-ALKYL GLYCIDYL ETHER; Alkyl (C12, C14) glycidyl ether  | 0.5 - 1.5* | 68609-97-2 |
| ethylbenzene                                    | Benzene, ethyl-; Phenylethane;<br>Ethylbenzol; photosensitive emulsion<br>consisting of cyclized polyisoprene<br>containing: — 55 % or more but not more<br>than 75 % by weight of xylene (CAS RN<br>1330-20-7) and — 12 % or more but not<br>more than 18 % by weight of   | 0.1 - 1*   | 100-41-4   |

### Section 3. Composition/information on ingredients

| _                | _   |       |          |
|------------------|---|-------|----------|
|                  | ethylbenzene (CAS RN 100-41-4); EB;<br>Mono-(or di-) methyl (ethyl,bromoallyl,<br>bromopropyloxycarbonyl<br>orchloropropyloxycarbonyl) benzene  |       |          |
| maleic anhydride | 2,5-Furandione; Butenedioic anhydride, cis-; Dihydro-2,5-dioxofuran; Maleic acid, anhydride; Toxilic anhydride; Maleic acid anhydride; 2,5-Furanedione; cis-Butenedioic anhydride; maleicic acid anhydride; 2,5 FURANDIONE; Maleic anhydride and preparations containing it | <0.1* | 108-31-6 |

<sup>\*</sup>Ranges if listed above for hazardous ingredient(s) are prescribed ranges. The actual concentration(s) or actual concentration range(s) are being withheld as a trade secret.

SUB codes represent substances without registered CAS Numbers.

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

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

### Section 4. First-aid measures

If ingestion, irritation, any type of overexposure or symptoms of overexposure occur during or persists after use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN immediately; have Safety Data Sheet information available. Never give anything by mouth to an unconscious or convulsing person.

#### **Description of necessary first aid measures**

**Eye contact**: Check for and remove any contact lenses. Immediately flush eyes with running

water for at least 15 minutes, keeping eyelids open. Seek immediate medical

attention.

**Inhalation**: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is

irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by

trained personnel.

**Skin contact**: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and

water or use recognized skin cleanser. Do NOT use solvents or thinners.

**Ingestion**: If swallowed, seek medical advice immediately and show this container or label.

Keep person warm and at rest. Do NOT induce vomiting.

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

#### Potential acute health effects

**Eye contact** : Causes serious eye damage.

**Inhalation** : No known significant effects or critical hazards.

**Skin contact**: Causes severe burns. May cause an allergic skin reaction.

**Ingestion** : Corrosive to the digestive tract. Causes burns.

#### Over-exposure signs/symptoms

**Eye contact** : Adverse symptoms may include the following:

pain watering redness

Canada Page: 5/20

### **Product name SIGMAFAST 278 BASE RAL 9002**

### Section 4. First-aid measures

Inhalation

: Adverse symptoms may include the following:

reduced fetal weight increase in fetal deaths skeletal malformations

Skin contact

: Adverse symptoms may include the following:

pain or irritation redness

blistering may occur reduced fetal weight increase in fetal deaths skeletal malformations

Ingestion

: Adverse symptoms may include the following:

stomach pains reduced fetal weight increase in fetal deaths skeletal malformations

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

Notes to physician

: Treat symptomatically. Contact poison treatment specialist immediately if large 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, CO<sub>2</sub>, water spray (fog) or foam.

**Unsuitable extinguishing** 

media

: Do not use water jet.

Specific hazards arising from the chemical

: Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.

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

carbon oxides

halogenated compounds metal oxide/oxides

**Special protective actions** 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. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire-fighters Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Canada Page: 6/20

### 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. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe 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 non-emergency 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. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry 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. Use spark-proof tools and explosion-proof equipment. 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. Contain and collect spillage with noncombustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

### 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. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

> Canada Page: 7/20

Canada

Page: 8/20

### Section 7. Handling and storage

### **Special precautions**

: Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Vapors are heavier than air and may spread along floors. If this material is part of a multiple component system, read the Safety Data Sheet(s) for the other component or components before blending as the resulting mixture may have the hazards of all of its parts.

### **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.

### including any incompatibilities

Conditions for safe storage, : Store between the following temperatures: 0 to 35°C (32 to 95°F). Store in accordance with local regulations. Store in a segregated and approved area. 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. Eliminate all ignition sources. Separate from oxidizing materials. 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.

### Section 8. Exposure controls/personal protection

#### **Control parameters**

Occupational exposure limits

| Ingredient name                                      | Exposure limits  |
|--|--|
| vystalline silica, respirable powder (>10 microns)   | CA British Columbia Provincial (Canada, 6/2022). [Silica, Crystalline - alpha quartz and Cristobalite Respirable]  TWA: 0.025 mg/m³ 8 hours. Form: Respirable CA Ontario Provincial (Canada, 6/2019). [Silica, Crystalline (Quartz/Tripoli)]  TWA: 0.1 mg/m³ 8 hours. Form: Respirable CA Quebec Provincial (Canada, 6/2022). [Silica Crystalline -Quartz]  TWAEV: 0.1 mg/m³ 8 hours. Form: Respirable dust. CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 0.025 mg/m³ 8 hours. Form: Respirable particulate CA Saskatchewan Provincial (Canada, 7/2013).  TWA: 0.05 mg/m³ 8 hours. Form: respirable fraction |
| bis-[4-(2,3-epoxipropoxi)phenyl]propane<br>Limestone | None. CA British Columbia Provincial (Canada, 6/2022).  TWA: 10 mg/m³ 8 hours. Form: Total dust STEL: 20 mg/m³ 15 minutes.  TWA: 3 mg/m³ 8 hours. Form: respirable fraction CA Quebec Provincial (Canada, 6/2022).  TWAEV: 10 mg/m³ 8 hours. Form: Total   |

### Section 8. Exposure controls/personal protection

. .

CA Alberta Provincial (Canada, 6/2018). [Calcium carbonate] Skin sensitizer.

8 hrs OEL: 10 mg/m<sup>3</sup> 8 hours.

CA Saskatchewan Provincial (Canada, 7/2013). [Limestone]

STEL: 20 mg/m³ 15 minutes. TWA: 10 mg/m³ 8 hours.

CA British Columbia Provincial (Canada, 6/2022).

TWA: 2 mg/m³ 8 hours. Form: Respirable **CA Ontario Provincial (Canada).** 

TWA: 2 ppb Form: Respirable TWA: 2 mg/m³ Form: Respirable

CA Quebec Provincial (Canada, 6/2022).

TWAEV: 2 mg/m³ 8 hours. Form:

Respirable dust.

CA Alberta Provincial (Canada, 6/2018).

8 hrs OEL: 2 mg/m³ 8 hours. Form:

Respirable particulate

CA Ontario Provincial (Canada, 6/2019).

TWA: 2 mg/m³ 8 hours. Form: Respirable particulate matter.

CA Saskatchewan Provincial (Canada, 7/2013).

TWA: 2 mg/m³ 8 hours. Form: respirable fraction

CA British Columbia Provincial (Canada, 6/2022). [Silica, Crystalline - alpha quartz and Cristobalite Respirable]

TWA: 0.025 mg/m³ 8 hours. Form: Respirable

CA Ontario Provincial (Canada, 6/2019). [Silica, Crystalline (Quartz/Tripoli)]

TWA: 0.1 mg/m³ 8 hours. Form: Respirable CA Quebec Provincial (Canada, 6/2022). [Silica Crystalline -Quartz]

TWAEV: 0.1 mg/m³ 8 hours. Form:

Respirable dust.

respirable fraction

CA Alberta Provincial (Canada, 6/2018).

8 hrs OEL: 0.025 mg/m³ 8 hours. Form: Respirable particulate

CA Saskatchewan Provincial (Canada,

**7/2013).** TWA: 0.05 mg/m<sup>3</sup> 8 hours. Form:

None.

CA British Columbia Provincial (Canada, 6/2022). [Titanium dioxide]

TWA: 10 mg/m³ 8 hours. Form: Total dust TWA: 3 mg/m³ 8 hours. Form: respirable

CA Quebec Provincial (Canada, 6/2022).

TWAEV: 10 mg/m³ 8 hours. Form: Total dust.

Talc , not containing asbestiform fibres

crystalline silica, respirable powder (<10 microns)

4-nonylphenol, branched titanium dioxide

Canada Page: 9/20

**Product name SIGMAFAST 278 BASE RAL 9002** 

### Section 8. Exposure controls/personal protection

CA Alberta Provincial (Canada, 6/2018). Skin sensitizer.

8 hrs OEL: 10 mg/m<sup>3</sup> 8 hours.

CA Ontario Provincial (Canada, 6/2019). TWA: 10 mg/m³ 8 hours. Form: total dust CA Saskatchewan Provincial (Canada,

7/2013).

STEL: 20 mg/m³ 15 minutes. TWA: 10 mg/m³ 8 hours.

xylene

yierie

CA Alberta Provincial (Canada, 6/2018). [Dimethylbenzene (o,m & p isomers)]

15 min OEL: 651 mg/m³ 15 minutes. 15 min OEL: 150 ppm 15 minutes. 8 hrs OEL: 434 mg/m³ 8 hours. 8 hrs OEL: 100 ppm 8 hours.

CA British Columbia Provincial (Canada, 6/2022). [Xylene (o, m & p isomers)]

STEL: 150 ppm 15 minutes. TWA: 100 ppm 8 hours.

CA Quebec Provincial (Canada, 6/2022).

[Xylene (o-,m-,p- isomers)]

STEV: 651 mg/m³ 15 minutes. STEV: 150 ppm 15 minutes. TWAEV: 434 mg/m³ 8 hours. TWAEV: 100 ppm 8 hours.

CA Ontario Provincial (Canada, 6/2019).

[Xylene (o-, m-, p-isomers)] STEL: 150 ppm 15 minutes.

TWA: 100 ppm 8 hours.

CA Saskatchewan Provincial (Canada, 7/2013). [Xylene (o, m-, p-isomers)]

STEL: 150 ppm 15 minutes. TWA: 100 ppm 8 hours.

CA Alberta Provincial (Canada, 6/2018).

15 min OEL: 553 mg/m³ 15 minutes. 15 min OEL: 150 ppm 15 minutes. 8 hrs OEL: 369 mg/m³ 8 hours. 8 hrs OEL: 100 ppm 8 hours.

CA British Columbia Provincial (Canada, 6/2022).

STEL: 100 ppm 15 minutes. TWA: 50 ppm 8 hours.

CA Ontario Provincial (Canada, 6/2019).

STEL: 100 ppm 15 minutes. TWA: 50 ppm 8 hours.

CA Quebec Provincial (Canada, 6/2022).

STEV: 553 mg/m³ 15 minutes. STEV: 150 ppm 15 minutes. TWAEV: 369 mg/m³ 8 hours. TWAEV: 100 ppm 8 hours.

CA Saskatchewan Provincial (Canada, 7/2013).

STEL: 150 ppm 15 minutes. TWA: 100 ppm 8 hours.

1-methoxy-2-propanol

Canada Page: 10/20

maleic anhydride

### Section 8. Exposure controls/personal protection

oxirane, mono[(C12-14-alkyloxy)methyl] derivs. ethylbenzene

None.

CA Alberta Provincial (Canada, 6/2018).

15 min OEL: 543 mg/m³ 15 minutes. 15 min OEL: 125 ppm 15 minutes. 8 hrs OEL: 434 mg/m³ 8 hours. 8 hrs OEL: 100 ppm 8 hours.

CA British Columbia Provincial (Canada, 6/2022).

TWA: 20 ppm 8 hours.

CA Ontario Provincial (Canada, 6/2019).

TWA: 20 ppm 8 hours.

CA Quebec Provincial (Canada, 6/2022).

TWAEV: 20 ppm 8 hours.

CA Saskatchewan Provincial (Canada, 7/2013).

STEL: 125 ppm 15 minutes. TWA: 100 ppm 8 hours.

CA Ontario Provincial (Canada, 6/2019). Skin sensitizer.

TWA: 0.01 mg/m<sup>3</sup> 8 hours. Form: Inhalable fraction and vapour.

CA Quebec Provincial (Canada, 6/2022). Skin sensitizer. Inhalation sensitizer.

TWAEV: 0.01 mg/m³ 8 hours. Form: inhalable dust and vapor fraction

CA Alberta Provincial (Canada, 6/2018).

8 hrs OEL: 0.4 mg/m³ 8 hours. 8 hrs OEL: 0.1 ppm 8 hours.

CA British Columbia Provincial (Canada, 6/2022). Skin sensitizer. Inhalation sensitizer.

TWA: 0.1 ppm 8 hours.

CA Saskatchewan Provincial (Canada, 7/2013). Skin sensitizer.

STEL: 0.3 ppm 15 minutes. TWA: 0.1 ppm 8 hours.

### Consult local authorities for acceptable exposure limits.

Recommended monitoring : procedures

Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

Appropriate engineering controls

: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

**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**

Canada Page: 11/20

### 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** 

**Skin protection** 

: Chemical splash goggles and face shield.

**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.

**Gloves** 

: butyl 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. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

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

: Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

## Section 9. Physical and chemical properties

**Appearance** 

Physical state : Liquid. Color : Gray.

Odor : Aromatic. [Slight]
Odor threshold : Not available.
pH : Not applicable.
Melting point : Not available.
Boiling point : >37.78°C (>100°F)

Flash point : Closed cup: 38°C (100.4°F)

Auto-ignition temperature: Not available.Decomposition temperature: Not available.Flammability: Not available.Lower and upper explosive: Not available.

(flammable) limitsEvaporation rate: Not available.Vapor pressure: Not available.Vapor density: Not available.

Canada Page: 12/20

**Product name SIGMAFAST 278 BASE RAL 9002** 

### Section 9. Physical and chemical properties

Relative density : 1.69

Density ( lbs / gal ) : 14.1

Solubility(ies) : Media Result

**⊘**old water Not soluble

Partition coefficient: n-

octanol/water

: Not applicable.

**Viscosity** : Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt)

**Volatility** : 13% (v/v), 8.784% (w/w)

% Solid. (w/w) : 91.216

### 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.

Conditions to avoid : When exposed to high temperatures may produce hazardous decomposition

products.

Refer to protective measures listed in sections 7 and 8.

**Incompatible materials**: Keep away from the following materials to prevent strong exothermic reactions:

oxidizing agents, strong alkalis, strong acids.

Hazardous decomposition products

: Depending on conditions, decomposition products may include the following materials: carbon oxides halogenated compounds metal oxide/oxides

### Section 11. Toxicological information

### Information on toxicological effects

#### **Acute toxicity**

| Product/ingredient name   | Result                          | Species | Dose        | Exposure |
|---------------------------|---------------------------------|---------|-------------|----------|
| vis-[4-(2,3-epoxipropoxi) | LD50 Dermal                     | Rabbit  | 23000 mg/kg | -        |
| phenyl]propane            |                                 |         |             |          |
|                           | LD50 Oral                       | Rat     | 15000 mg/kg | -        |
| Limestone                 | LD50 Oral                       | Rat     | 6450 mg/kg  | -        |
| 4-nonylphenol, branched   | LD50 Dermal                     | Rabbit  | 2.14 g/kg   | -        |
|                           | LD50 Oral                       | Rat     | 1300 mg/kg  | -        |
| titanium dioxide          | LC50 Inhalation Dusts and mists | Rat     | >6.82 mg/l  | 4 hours  |
|                           | LD50 Dermal                     | Rabbit  | >5000 mg/kg | -        |
|                           | LD50 Oral                       | Rat     | >5000 mg/kg | -        |
| xylene                    | LD50 Dermal                     | Rabbit  | 1.7 g/kg    | -        |
| •                         | LD50 Oral                       | Rat     | 4.3 g/kg    | -        |
| 1-methoxy-2-propanol      | LC50 Inhalation Vapor           | Rat     | >7000 ppm   | 6 hours  |
|                           | LD50 Dermal                     | Rabbit  | 13 g/kg     | -        |
|                           | LD50 Oral                       | Rat     | 5.2 g/kg    | -        |
| oxirane, mono[            | LD50 Oral                       | Rat     | 17100 mg/kg | -        |
| (C12-14-alkyloxy)methyl]  |                                 |         |             |          |

Canada Page: 13/20

Date of issue 3 September 2023 Version 6.01

### **Product code 00428169**

**Product name SIGMAFAST 278 BASE RAL 9002** 

### **Section 11. Toxicological information**

| derivs.          |                       |        |            | ľ       |
|------------------|-----------------------|--------|------------|---------|
| ethylbenzene     | LC50 Inhalation Vapor | Rat    | 17.8 mg/l  | 4 hours |
|                  | LD50 Dermal           | Rabbit | 17.8 g/kg  | -       |
|                  | LD50 Oral             | Rat    | 3.5 g/kg   | -       |
| maleic anhydride | LD50 Dermal           | Rabbit | 2620 mg/kg | -       |
|                  | LD50 Oral             | Rat    | 400 mg/kg  | -       |

**Conclusion/Summary** 

: There are no data available on the mixture itself.

**Irritation/Corrosion** 

**Conclusion/Summary** 

Skin: There are no data available on the mixture itself.Eyes: There are no data available on the mixture itself.Respiratory: There are no data available on the mixture itself.

#### **Sensitization**

| Product/ingredient name                               | Route of exposure | Species    | Result      |
|---|-------------------|------------|-------------|
| s-[4-(2,3-epoxipropoxi) phenyl]propane                | skin              | Mouse      | Sensitizing |
| oxirane, mono[<br>(C12-14-alkyloxy)methyl]<br>derivs. | skin              | Guinea pig | Sensitizing |

Skin : There are no data available on the mixture itself.Respiratory : There are no data available on the mixture itself.

Mutagenicity

**Conclusion/Summary**: There are no data available on the mixture itself.

**Carcinogenicity** 

**Conclusion/Summary**: There are no data available on the mixture itself.

### **Classification**

| Product/ingredient name                             | OSHA | IARC | NTP                             |
|---|------|------|---------------------------------|
| ystalline silica, respirable powder (>10 microns)   | -    | 1    | Known to be a human carcinogen. |
| bis-[4-(2,3-epoxipropoxi)phenyl] propane            | -    | 3    | -                               |
| crystalline silica, respirable powder (<10 microns) | -    | 1    | Known to be a human carcinogen. |
| titanium dioxide                                    | -    | 2B   | -                               |
| xylene  | -    | 3    | -                               |
| ethylbenzene  | -    | 2B   | -                               |

### Carcinogen Classification code:

IARC: 1, 2A, 2B, 3, 4

NTP: Known to be a human carcinogen; Reasonably anticipated to be a human carcinogen

OSHA: +

Not listed/not regulated: -

#### Reproductive toxicity

**Conclusion/Summary**: There are no data available on the mixture itself.

**Teratogenicity** 

**Conclusion/Summary**: There are no data available on the mixture itself.

**Specific target organ toxicity (single exposure)** 

Canada Page: 14/20

**Product name SIGMAFAST 278 BASE RAL 9002** 

### **Section 11. Toxicological information**

| Name                                     | Category   | Route of exposure | Target organs                |
|--|------------|-------------------|------------------------------|
| Talc , not containing asbestiform fibres | Category 3 | -                 | Respiratory tract irritation |
| xylene                                   | Category 3 | -                 | Respiratory tract irritation |
| 1-methoxy-2-propanol                     | Category 3 | -                 | Narcotic effects             |

#### Specific target organ toxicity (repeated exposure)

| Name  |            | Route of exposure | Target organs      |
|---|------------|-------------------|--------------------|
| crystalline silica, respirable powder (<10 microns) | Category 1 | inhalation        | -                  |
| ethylbenzene  | Category 2 | -                 | hearing organs     |
| maleic anhydride                                    | Category 1 | inhalation        | respiratory system |

#### **Target organs**

: Contains material which causes damage to the following organs: liver, spleen, brain, skin, bone marrow.

Contains material which may cause damage to the following organs: blood, kidneys, lungs, the nervous system, the reproductive system, heart, cardiovascular system, upper respiratory tract, immune system, central nervous system (CNS), eye, lens or cornea.

#### **Aspiration hazard**

| Name | Result  |
|------|---|
|      | ASPIRATION HAZARD - Category 1 ASPIRATION HAZARD - Category 1 |

#### Information on the likely routes of exposure

### Potential acute health effects

**Eye contact** : Causes serious eye damage.

**Inhalation** : No known significant effects or critical hazards.

**Skin contact**: Causes severe burns. May cause an allergic skin reaction.

**Ingestion** : Corrosive to the digestive tract. Causes burns.

#### Over-exposure signs/symptoms

**Eye contact**: Adverse symptoms may include the following:

pain watering redness

**Inhalation** : Adverse symptoms may include the following:

reduced fetal weight increase in fetal deaths skeletal malformations

**Skin contact**: Adverse symptoms may include the following:

pain or irritation

redness

blistering may occur reduced fetal weight increase in fetal deaths skeletal malformations

Canada Page: 15/20

**Product name SIGMAFAST 278 BASE RAL 9002** 

### Section 11. Toxicological information

Ingestion

 Adverse symptoms may include the following: stomach pains reduced fetal weight increase in fetal deaths skeletal malformations

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

**Conclusion/Summary** 

: There are no data available on the mixture itself. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. This product contains TiO2 which has been classified as a GHS Carcinogen Category 2 based on its IARC 2B classification. For many products, TiO2 is utilized as a raw material in a liquid coating formulation. In this case, the TiO2 particles are bound in a matrix with no meaningful potential for human exposure to unbound particles of TiO2 when the product is applied with a brush or roller. Sanding the coating surface or mist from spray applications may be harmful depending on the duration and level of exposure and require the use of appropriate personal protective equipment and/or engineering controls (see Section 8). Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. There is some evidence that repeated exposure to organic solvent vapors in combination with constant loud noise can cause greater hearing loss than expected from exposure to noise alone. If splashed in the eyes, the liquid may cause irritation and reversible damage. Ingestion may cause nausea, diarrhea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

**Short term exposure** 

**Potential immediate** 

effects

: There are no data available on the mixture itself.

**Potential delayed effects** 

Long term exposure

**Potential immediate** 

effects

: There are no data available on the mixture itself.

: There are no data available on the mixture itself.

Potential delayed effects : There are no data available on the mixture itself.

Potential chronic health effects

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

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

low levels.

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

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

**Reproductive toxicity**: Suspected of damaging fertility or the unborn child.

**Numerical measures of toxicity** 

**Acute toxicity estimates** 

Canada Page: 16/20

Date of issue 3 September 2023 Version 6.01

**Product code 00428169** 

**Product name SIGMAFAST 278 BASE RAL 9002** 

## Section 11. Toxicological information

| Product/ingredient name                        | Oral (mg/<br>kg) | Dermal<br>(mg/kg) | Inhalation<br>(gases)<br>(ppm) | Inhalation<br>(vapors)<br>(mg/l) | Inhalation<br>(dusts<br>and mists)<br>(mg/l) |
|--|------------------|-------------------|--------------------------------|----------------------------------|--|
| SIGMAFAST 278 BASE RAL 9002                    | 10254.5          | 6449.9            | N/A                            | 70.8                             | 9.7  |
| bis-[4-(2,3-epoxipropoxi)phenyl]propane        | 15000            | 23000             | N/A                            | N/A                              | N/A  |
| Limestone                                      | 6450             | N/A               | N/A                            | N/A                              | N/A  |
| 4-nonylphenol, branched                        | 1300             | 2140              | N/A                            | N/A                              | N/A  |
| xylene   | 4300             | 1700              | N/A                            | 11                               | 1.5  |
| 1-methoxy-2-propanol                           | 5200             | 13000             | N/A                            | N/A                              | N/A  |
| oxirane, mono[(C12-14-alkyloxy)methyl] derivs. | 17100            | N/A               | N/A                            | N/A                              | N/A  |
| ethylbenzene                                   | 3500             | 17800             | N/A                            | 17.8                             | 1.5  |
| maleic anhydride                               | 400              | 2620              | N/A                            | N/A                              | N/A  |

## Section 12. Ecological information

### **Toxicity**

| Product/ingredient name                  | Result                            | Species                        | Exposure |  |
|--|-----------------------------------|--------------------------------|----------|--|
| prs-[4-(2,3-epoxipropoxi) phenyl]propane | Acute LC50 1.8 mg/l Fresh water   | Daphnia - daphnia magna        | 48 hours |  |
|  | Chronic NOEC 0.3 mg/l             | Daphnia                        | 21 days  |  |
| Limestone                                | Acute LC50 >56000 mg/l            | Fish                           | 96 hours |  |
| 4-nonylphenol, branched                  | Acute EC50 0.044 mg/l             | Crustaceans - Moina macrocopa  | 48 hours |  |
| ,  | Acute LC50 0.221 mg/l             | Fish                           | 96 hours |  |
| titanium dioxide                         | Acute LC50 >100 mg/l Fresh water  | Daphnia - <i>Daphnia magna</i> | 48 hours |  |
| 1-methoxy-2-propanol                     | Acute LC50 23300 mg/l             | Daphnia                        | 48 hours |  |
| , , ,                                    | Acute LC50 >4500 mg/l Fresh water | Fish                           | 96 hours |  |
| oxirane, mono[                           | LC50 >100 mg/l                    | Fish                           | 96 hours |  |
| (C12-14-alkyloxy)methyl] derivs.         |                                   |                                |          |  |
| ethylbenzene                             | Acute EC50 1.8 mg/l Fresh water   | Daphnia                        | 48 hours |  |
|  | Chronic NOEC 1 mg/l Fresh water   | Daphnia - Ceriodaphnia dubia   | -        |  |

### Persistence and degradability

| Product/ingredient name  | Test              | Result              |            | Dose | Inoculum                      |
|--|-------------------|---------------------|------------|------|-------------------------------|
| <b>e</b> thylbenzene   | -                 | 79 % - Readily - 10 | days       | -    | -                             |
| Product/ingredient name  | Aquatic half-life |                     | Photolysis | 5    | Biodegradability              |
| ps-[4-(2,3-epoxipropoxi)<br>phenyl]propane<br>xylene<br>ethylbenzene | -                 |                     | -          |      | Not readily  Readily  Readily |

### **Bioaccumulative potential**

Canada Page: 17/20

Date of issue 3 September 2023 Version 6.01

Product code 00428169

**Product name SIGMAFAST 278 BASE RAL 9002** 

### **Section 12. Ecological information**

| Product/ingredient name  | LogPow     | BCF         | Potential  |
|--|------------|-------------|------------|
|  | 5.4        | 251.19      | Low        |
|  | 3.12       | 7.4 to 18.5 | Low        |
| 1-methoxy-2-propanol oxirane, mono[ (C12-14-alkyloxy)methyl] derivs. | <1<br>3.77 | -           | Low<br>Low |
| ethylbenzene   | 3.6        | 79.43       | Low        |
| maleic anhydride   | -2.78      | -           | Low        |

**Mobility in soil** 

Soil/water partition coefficient (Koc)

: Not available.

### 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. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Canada

Page: 18/20

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL

PROTECTION for additional handling information and protection of employees. Section 6. Accidental release

### **Section 14. Transport information**

|                             | TDG                            | IMDG                           | IATA   |
|-----------------------------|--------------------------------|--------------------------------|--|
| UN number                   | UN3470                         | UN3470                         | UN3470   |
| UN proper shipping name     | PAINT, CORROSIVE,<br>FLAMMABLE | PAINT, CORROSIVE,<br>FLAMMABLE | PAINT, CORROSIVE,<br>FLAMMABLE                                     |
| Transport hazard class (es) | 8 (3)                          | 8 (3)                          | 8 (3)  |
| Packing group               | II                             | II                             | II   |
| Environmental hazards       | Yes.                           | Yes.                           | Yes. The environmentally hazardous substance mark is not required. |

Product code 00428169 Date of issue 3 September 2023 Version 6.01

**Product name SIGMAFAST 278 BASE RAL 9002** 

### Section 14. Transport information

Marine pollutant substances

(bis-[4-(2,3-epoxipropoxi) phenyl]propane, 4-nonylphenol, branched) (bis-[4-(2,3-epoxipropoxi) phenyl]propane, 4-nonylphenol, branched)

Not applicable.

#### **Additional information**

**TDG** : The marine pollutant mark is not required when transported by road or rail.

: The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg. **IMDG** 

**IATA** The environmentally hazardous substance mark may appear if required by other transportation

regulations.

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 applicable.

to IMO instruments

**Proof of classification** 

statement

: Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.40-2.42 (Class 8), 2.18-2.19 (Class 3), 2.7 (Marine pollutant

mark).

### Section 15. Regulatory information

### **National Inventory List**

Canada inventory (DSL) : At least one component is not listed.

### Section 16. Other information

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

Health: Flammability: 2 Physical hazards:

(\*) - Chronic effects

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 MSDSs 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.)

Health: Flammability: 2 **Instability**: 0

3 September 2023 Date of issue/Date of

revision

**Organization that prepared** 

the SDS

: EHS

Key to abbreviations : ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973

Canada Page: 19/20

Date of issue 3 September 2023 Version 6.01

Product name SIGMAFAST 278 BASE RAL 9002

### Section 16. Other information

as modified by the Protocol of 1978. ("Marpol" = marine pollution)
N/A = Not available
SGG = Segregation Group
UN = United Nations

▼ Indicates information that has changed from previously issued version.

#### **Disclaimer**

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by PPG, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.

Canada Page: 20/20