

## SAFETY DATA SHEET

### Section 1. Identification

**Product identifier** : UP0777  
**Product name** : SMC CARBON FIBRE REINFORCED FILLER - BLACK

**Date of issue** : 4/16/2025  
**Version** : 1

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

**Identified uses** : Putty.  
**Uses advised against** : Not for sale to or use by consumers.

**Supplier's details** : U-POL US Inc.  
50 Applied Bank Blvd.  
Suite 300  
Glen Mills, Pennsylvania 19342  
T (610) 746 7081  
technicalsupport@u-pol.com  
**Product information** : Test Info Phone

**Emergency telephone number** : CHEMTREC: +44 (0) 870 8200418 (24 hrs)

### 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** : SKIN SENSITIZATION - Category 1  
CARCINOGENICITY - Category 1A  
TOXIC TO REPRODUCTION - Category 2  
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1

#### GHS label elements

**Hazard pictograms** :



**Signal word** : Danger

**Hazard statements** : H317 - May cause an allergic skin reaction.  
H350 - May cause cancer.  
H361 - Suspected of damaging fertility or the unborn child.  
H372 - Causes damage to organs through prolonged or repeated exposure.

#### Precautionary statements

**Prevention** : P201 - Obtain special instructions before use.  
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.

## Section 2. Hazards identification

<b>Response</b>	: P308 + P313 - IF exposed or concerned: Get medical advice or attention. P363 - Wash contaminated clothing before reuse. P302 + P352 - IF ON SKIN: Wash with plenty of water. P333 + P313 - If skin irritation or rash occurs: Get medical advice or attention.
<b>Storage</b>	: Not applicable.
<b>Disposal</b>	: P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
<b>Hazards not otherwise classified</b>	: None known.

## Section 3. Composition/information on ingredients

<b>Substance/mixture</b>	: Mixture		
Vinyl benzene	CAS: 100-42-5		<10
glass, oxide, chemicals	CAS: 65997-17-3		≤3
carbon black, non respirable	CAS: 1333-86-4		≤1
Quartz	CAS: 14808-60-7		≤0.3
DIETHANOL-P-TOLUIDINE	CAS: --		≤0.3

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 required to be classified as hazardous to health or the environment under the reporting requirements for this section.**

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

## Section 4. First aid measures

### Description of necessary first aid measures

<b>Eye contact</b>	: 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.
<b>Inhalation</b>	: 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.
<b>Skin contact</b>	: 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.
<b>Ingestion</b>	: 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.

## Section 4. First aid measures

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

#### Potential acute health effects

- |                     |   |
|---------------------|---|
| <b>Eye contact</b>  | : No known significant effects or critical hazards. |
| <b>Inhalation</b>   | : No known significant effects or critical hazards. |
| <b>Skin contact</b> | : May cause an allergic skin reaction.              |
| <b>Ingestion</b>    | : No known significant effects or critical hazards. |

#### Over-exposure signs/symptoms

- |                     |  |
|---------------------|--|
| <b>Eye contact</b>  | : No specific data.  |
| <b>Inhalation</b>   | : Adverse symptoms may include the following:<br>reduced fetal weight<br>increase in fetal deaths<br>skeletal malformations                          |
| <b>Skin contact</b> | : Adverse symptoms may include the following:<br>irritation<br>redness<br>reduced fetal weight<br>increase in fetal deaths<br>skeletal malformations |
| <b>Ingestion</b>    | : Adverse symptoms may include the following:<br>reduced fetal weight<br>increase in fetal deaths<br>skeletal malformations                          |

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

- |                                   |   |
|-----------------------------------|---|
| <b>Notes to physician</b>         | : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.   |
| <b>Specific treatments</b>        | : No specific treatment.  |
| <b>Protection of first-aiders</b> | : 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

- |                                       |   |
|---------------------------------------|---|
| <b>Suitable extinguishing media</b>   | : Use an extinguishing agent suitable for the surrounding fire. |
| <b>Unsuitable extinguishing media</b> | : None known.   |

- |   |   |
|---|---|
| <b>Specific hazards arising from the chemical</b> | : No specific fire or explosion hazard. |
|---|---|

- |   |  |
|---|--|
| <b>Hazardous thermal decomposition products</b> | : Decomposition products may include the following materials:<br>carbon dioxide<br>carbon monoxide<br>metal oxide/oxides |
|---|--|

## Section 5. Fire-fighting measures

- 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.
- 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.

## 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 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** : 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. Place spilled material in a designated, 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). 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 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.

## Section 7. Handling and storage

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.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

Vinyl benzene	<div><b>NIOSH REL (United States, 10/2020)</b> TWA 10 hours: 50 ppm. TWA 10 hours: 215 mg/m³. STEL 15 minutes: 100 ppm. STEL 15 minutes: 425 mg/m³. <b>OSHA PEL Z2 (United States, 2/2013)</b> TWA 8 hours: 100 ppm. CEIL: 200 ppm. AMP 5 minutes: 600 ppm. <b>CAL OSHA PEL (United States, 5/2018)</b> Absorbed through skin. STEL 15 minutes: 425 mg/m³. STEL 15 minutes: 100 ppm. C: 500 ppm. TWA 8 hours: 215 mg/m³. TWA 8 hours: 50 ppm. <b>OSHA PEL 1989 (United States, 3/1989)</b> TWA 8 hours: 50 ppm. TWA 8 hours: 215 mg/m³. STEL 15 minutes: 100 ppm. STEL 15 minutes: 425 mg/m³. <b>ACGIH TLV (United States, 1/2024) A3.</b> Ototoxicant. TWA 8 hours: 10 ppm. STEL 15 minutes: 20 ppm.</div>
glass, oxide, chemicals	<div><b>NIOSH REL (United States, 10/2020)</b> <b>[FIBROUS GLASS DUST]</b> TWA 10 hours: 3 fibers/cm³. TWA 10 hours: 5 mg/m³. Form: Total. <b>NIOSH REL (United States, 10/2020)</b> <b>[MINERAL WOOL FIBER]</b> TWA 10 hours: 3 fibers/cm³. Form: Fibers of spec length. TWA 10 hours: 5 mg/m³. Form: Total. <b>CAL OSHA PEL (United States, 5/2018)</b> TWA 8 hours: 1 fibers/cm³. <b>ACGIH TLV (United States, 1/2024)</b> <b>[Continuous filament glass fibers] A4.</b> TWA 8 hours: 1 fibers/cm³. Form: Respirable fibers: length greater than 5 uM; aspect ratio equal to or greater than 3:1 as determined by the membrane filter method at 400-450X magnification (4-mm objective) phase contrast</div>

Section 8. Exposure controls/personal protection

carbon black, non respirable	<p>illumination..</p> <p>TWA 8 hours: 5 mg/m³. Form: Inhalable fraction.</p> <p><b>NIOSH REL (United States, 10/2020)</b> NIA.</p> <p>TWA 10 hours: 3.5 mg/m³.</p> <p>TWA 10 hours: 0.1 mg/m³ (as cyclohexane-extractable fraction).</p> <p><b>CAL OSHA PEL (United States, 5/2018)</b></p> <p>TWA 8 hours: 3.5 mg/m³.</p> <p><b>OSHA PEL (United States, 5/2018)</b></p> <p>TWA 8 hours: 3.5 mg/m³.</p> <p><b>OSHA PEL 1989 (United States, 3/1989)</b></p> <p>TWA 8 hours: 3.5 mg/m³.</p> <p><b>ACGIH TLV (United States, 1/2024)</b> A3.</p> <p>TWA 8 hours: 3 mg/m³. Form: Inhalable fraction.</p>
Quartz	<p><b>CAL OSHA PEL (United States, 5/2018)</b></p> <p>TWA 8 hours: 0.05 mg/m³.</p> <p><b>OSHA PEL Z3 (United States, 6/2016)</b></p> <p>TWA 8 hours: 30 / (%SiO<sub>2</sub>+2) mg/m³. Form: Total dust.</p> <p><b>OSHA PEL (United States, 5/2018) [Silica, crystalline]</b></p> <p>TWA 8 hours: 50 µg/m³. Form: Respirable dust.</p>
DIETHANOL-P-TOLUIDINE	<p>None.</p>

- 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

- 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

## Section 8. Exposure controls/personal 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.
- 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

### Appearance

- Physical state** : Solid.
- Color** : Black.
- Odor** : Not available.
- Odor threshold** : Not available.
- pH** : Not applicable.
- Melting point** : Technically not possible to measure
- Boiling point** : Not applicable.
- Flash point** : Closed cup: Not applicable. [Product does not sustain combustion.]
- Evaporation rate** : Not available.
- Flammability (solid, gas)** : Not available.
- Lower and upper explosive (flammable) limits** : Not available.
- Vapor pressure** : 0.11 kPa (0.8 mm Hg)
- Vapor density** : Not applicable.
- Density** : 1.868 g/cm<sup>3</sup>
- Partition coefficient: n-octanol/water** : Not applicable.
- Decomposition temperature** : Not applicable.
- Viscosity** : Dynamic (room temperature): Not available.  
Kinematic (room temperature): Not available.  
Kinematic (40°C (104°F)): Not available.
- Flow time (ISO 2431)** : Not available.

## Section 10. Stability and reactivity

<b>Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	: No specific data.
<b>Incompatible materials</b>	: No specific data.
<b>Hazardous decomposition products</b>	: 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**

Vinyl benzene

##### **Result**

###### **Rat - Oral - LD50**

2650 mg/kg

Toxic effects: Behavioral - Somnolence (general depressed activity) Liver - Other changes

###### **Rat - Inhalation - LC50 Vapor**

11800 mg/m<sup>3</sup> [4 hours]

###### **Rat - Inhalation - LC50 Gas.**

2770 ppm [4 hours]

###### **Rat - Oral - LD50**

>15400 mg/kg

Toxic effects: Behavioral - Somnolence (general depressed activity)

###### **Rat - Inhalation - LC50 Dusts and mists**

12.6 mg/l [4 hours]

###### **Rat - Male, Female - Oral - LD50**

619 mg/kg

OECD 401

carbon black, non respirable

Quartz

DIETHANOL-P-TOLUIDINE

**Conclusion/Summary [Product]** : Not available.

#### Skin corrosion/irritation

##### **Product/ingredient name**

Vinyl benzene

##### **Result**

###### **Rabbit - Skin - Mild irritant**

Amount/concentration applied: 500 mg

###### **Rabbit - Skin - Moderate irritant**

Amount/concentration applied: 100 %

###### **Human - Skin - Moderate irritant**

OECD 439

Duration of treatment/exposure: 15 minutes

Observation period: 43 hours

DIETHANOL-P-TOLUIDINE

**Conclusion/Summary [Product]** : Not available.

#### Serious eye damage/eye irritation

##### **Product/ingredient name**

##### **Result**



Section 11. Toxicological information

Vinyl benzene	<b>Human - Eyes - Mild irritant</b> <u>Amount/concentration applied</u> : 50 ppm <b>Rabbit - Eyes - Moderate irritant</b> <u>Duration of treatment/exposure</u> : 24 hours <u>Amount/concentration applied</u> : 100 mg <b>Rabbit - Eyes - Severe irritant</b> <u>Amount/concentration applied</u> : 100 mg <b>Rabbit - Eyes - Cornea opacity</b> OECD 405 <u>Irritation score</u> : 1.3 Not reversible
DIETHANOL-P-TOLUIDINE	

Conclusion/Summary [Product] : Not available.

Respiratory corrosion/irritation  
Not available.

Conclusion/Summary [Product] : Not available.

Respiratory or skin sensitization

Product/ingredient name	Result
DIETHANOL-P-TOLUIDINE	<b>Mouse - skin</b> OECD 429 <u>Result</u> : Sensitizing

**Skin**  
Conclusion/Summary [Product] : Not available.

**Respiratory**  
Conclusion/Summary [Product] : Not available.

Germ cell mutagenicity  
Not available.

Conclusion/Summary [Product] : Not available.

Carcinogenicity  
Not available.

Conclusion/Summary [Product] : Not available.

Classification

Product/ingredient name	OSHA	IARC	NTP
Vinyl benzene	-	2A	Reasonably anticipated to be a human carcinogen.
glass, oxide, chemicals	-	3	-
carbon black, non respirable	-	2B	-
Quartz	+	1	Known to be a human carcinogen.

## Section 11. Toxicological information

### Reproductive toxicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Specific target organ toxicity (single exposure)

**Product/ingredient name**

Vinyl benzene

**Result**

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)  
(Respiratory tract irritation) - Category 3

### Specific target organ toxicity (repeated exposure)

**Product/ingredient name**

Vinyl benzene

**Result**

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1

Quartz

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1

### Aspiration hazard

**Product/ingredient name**

Vinyl benzene

**Result**

ASPIRATION HAZARD - Category 1

### Information on the likely routes of exposure

Not available.

### 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.

### 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

## Section 11. Toxicological information

### 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 effects** : Not available.

**Potential delayed effects** : Not available.

### Potential chronic health effects

#### Result

Not available.

**Conclusion/Summary [Product]** : Not available.

**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

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
SMC FILLER BLACK (OFGSMCB)(ISSUE 12)	24439.1	N/A	28782.4	122.6	N/A
Vinyl benzene	2650	N/A	2770	11.8	N/A
Quartz	N/A	N/A	N/A	N/A	12.6
DIETHANOL-P-TOLUIDINE	619	N/A	N/A	N/A	N/A

## Section 12. Ecological information

There are no data available on the product itself. The product should not be allowed to enter drains or watercourses waterways.


## 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

## Section 13. Disposal considerations

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	TDG Classification	Mexico Classification	IMDG	IATA
UN number	UN3077	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (PAINT RELATED MATERIAL)	-	-	-	-
Transport hazard class(es)	9 	-	-	-	-
Packing group	III	-	-	-	-
Environmental hazards	No.	No.	No.	No.	No.

### Additional information

**DOT Classification** : **Reportable quantity** 10390.7 lbs / 4717.4 kg. The classification of the product is due solely to the presence of one or more US DOT-listed 'Hazardous substances' that are subject to reportable quantity requirements and only applies to shipments of packages greater than, or equal to, the product reportable quantity. Package sizes less than the product reportable quantity are not regulated as hazardous materials.

**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.

The actual shipping description for this product may vary based several factors including, but not limited to, the volume of material, size of the container, mode of transport and use of exemptions or exceptions found in the applicable regulations. The information provided in Section 14 is one possible shipping description for this product. Consult your shipping specialist or supplier for appropriate assignment information.

## Section 15. Regulatory information

### TSCA 12(b) - Chemical export notification

Not applicable.

**Clean Air Act Section 112** : Listed

**(b) Hazardous Air Pollutants (HAPs)**

### SARA 304 RQ

**SARA 304 RQ** : 934579.4 lbs / 424299.1 kg

### SARA 311/312

**Classification** : SKIN SENSITIZATION - Category 1  
 CARCINOGENICITY - Category 1A  
 TOXIC TO REPRODUCTION - Category 2  
 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1

### SARA 313

	Product name	CAS number	%
<b>Form R - Reporting requirements</b>	styrene	100-42-5	<10
<b>Supplier notification</b>	styrene	100-42-5	<10

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

### Inventory list

**Canada** : Not determined.

**United States** : Not determined.

## Section 16. Other information

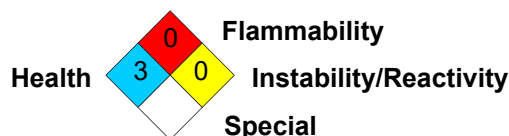
### Hazardous Material Information System (U.S.A.)

<b>Health</b>	*	3
<b>Flammability</b>		0
<b>Physical hazards</b>		0

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.)



Reprinted with permission from NFPA 704-2001, Identification of the Hazards of Materials for Emergency Response Copyright ©1997, National Fire Protection Association, Quincy, MA 02269. This reprinted material is not the complete and official position of the National Fire Protection Association, on the referenced subject which is represented only by the standard in its entirety.

## Section 16. Other information

Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

### History

**Date of issue** : 4/16/2025

**Version** : 1

Product stewardship and regulatory compliance.

### Key to abbreviations

: ATE = Acute Toxicity Estimate

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 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

UN = United Nations

▀ Indicates information that has changed from previously issued version.

### Notice to reader

This product is intended for industrial use only.

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