

SAFETY DATA SHEET

Section 1. Identification

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

Date of issue : 2/6/2026
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 (855) 6-AXALTA

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

Response	: P308 + P313 - IF exposed or concerned: Get medical advice or attention. P362 + P364 - Take off contaminated clothing and wash it 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.
Storage	: Not applicable.
Disposal	: P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
Hazards not otherwise classified	: None known.
Hazards identified when used	: No known significant effects or critical hazards.

Section 3. Composition/information on ingredients

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

Ingredient name	Synonyms	%	Identifiers
Vinyl benzene	Benzene, ethenyl-; Ethenylbenzene; Vinylbenzene; Styrol; Styrene monomer; Phenylethylene; Styrene, monomer; Styrene - monomer; Cinnamol; Cinnamene; Styrolene	≥5 - ≤10	CAS: 100-42-5
glass, oxide, chemicals	Glass, oxide; Glassy sodium phosphate; Lead borosilicate glass enamel flux; Sodium calcium magnesium polyphosphate; Sodium calcium magnesium silica polyphosphate; Sodium calcium polyphosphate; Sodium zinc potassium polyphosphate; 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); Fibrous glass; glass, fibrous; Glass	≥1 - ≤5	CAS: 65997-17-3
carbon black, non respirable	Lampblack; Acetylene black; C.I. 77266; C.I. Pigment Black 6; C.I. Pigment Black 7; Charcoal	≥0.1 - ≤1	CAS: 1333-86-4
Quartz	alpha-quartz; Silica, crystalline (quartz); Silica, Crystalline Quartz; SILICA, CRYSTALLINE, QUARTZ; Silica-Crystalline, Quartz; Silica - Crystalline Quartz; Silica-Crystalline : Quartz; Silica, crystalline - quartz	≥0.1 - ≤1	CAS: 14808-60-7

Section 3. Composition/information on ingredients

DIETHANOL-P-TOLUIDINE		≥0.1 - ≤1	CAS: --
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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.
- 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.

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

Section 4. First aid measures

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

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 an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media : None known.

Specific hazards arising from the chemical : No specific fire or explosion hazard.

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
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.

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".

Section 6. Accidental release measures

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.

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

Ingredient name	Exposure limits
Vinyl benzene	NIOSH REL (United States, 10/2020) TWA 10 hours: 50 ppm. TWA 10 hours: 215 mg/m ³ . STEL 15 minutes: 100 ppm. STEL 15 minutes: 425 mg/m ³ . OSHA PEL Z2 (United States, 2/2013) TWA 8 hours: 100 ppm. CEIL: 200 ppm. AMP 5 minutes: 600 ppm.

Section 8. Exposure controls/personal protection

glass, oxide, chemicals

CAL OSHA PEL (United States, 1/2025)

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.

OSHA PEL 1989 (United States, 3/1989)

TWA 8 hours: 50 ppm.
 TWA 8 hours: 215 mg/m³.
 STEL 15 minutes: 100 ppm.
 STEL 15 minutes: 425 mg/m³.

ACGIH TLV (United States, 1/2024) A3.

Ototoxicant.
 TWA 8 hours: 10 ppm.
 STEL 15 minutes: 20 ppm.

**NIOSH REL (United States, 10/2020)
 [FIBROUS GLASS DUST]**

TWA 10 hours: 3 fibers/cm³.
 TWA 10 hours: 5 mg/m³. Form: Total.

**NIOSH REL (United States, 10/2020)
 [MINERAL WOOL FIBER]**

TWA 10 hours: 3 fibers/cm³. Form: Fibers of spec length.
 TWA 10 hours: 5 mg/m³. Form: Total.

CAL OSHA PEL (United States, 1/2025)

TWA 8 hours: 1 fibers/cm³.

ACGIH TLV (United States, 1/2024)

[Continuous filament glass fibers] A4.

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 illumination..
 TWA 8 hours: 5 mg/m³. Form: Inhalable fraction.

carbon black, non respirable

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).

CAL OSHA PEL (United States, 1/2025)

TWA 8 hours: 3.5 mg/m³.

OSHA PEL (United States, 5/2018)

TWA 8 hours: 3.5 mg/m³.

OSHA PEL 1989 (United States, 3/1989)

TWA 8 hours: 3.5 mg/m³.

ACGIH TLV (United States, 1/2024) A3.

TWA 8 hours: 3 mg/m³. Form: Inhalable fraction.

Quartz

CAL OSHA PEL (United States, 1/2025)

TWA 8 hours: 0.05 mg/m³.

OSHA PEL Z3 (United States, 6/2016)

TWA 8 hours: 30 / (%SiO₂+2) mg/m³. Form: Total dust.

Section 8. Exposure controls/personal protection

DIETHANOL-P-TOLUIDINE	OSHA PEL (United States, 5/2018) [Silica, crystalline] TWA 8 hours: 50 µg/m ³ . Form: Respirable dust. None.
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Biological exposure indices

Ingredient name	Exposure indices
Vinyl benzene	ACGIH BEI (United States, 1/2024) BEI: 150 mg/g creatinine, mandelic acid plus phenylglyoxylic acid [in urine]. Sampling time: end of shift. BEI: 20 µg/l, styrene [in urine]. Sampling time: end of shift.

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

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.

Section 8. Exposure controls/personal protection

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

Section 9. Physical and chemical properties

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

Appearance

Physical state : Solid.
Color : Black.
Odor : Not available.
Odor threshold : Not available.
pH : Not applicable.
Melting point/freezing point : Technically not possible to measure
Boiling point or initial boiling point and boiling range : Not applicable.
Flash point : Closed cup: Not applicable. [Product does not sustain combustion.]
Evaporation rate : Not available.
Flammability : Not available.
Lower and upper explosion limit/flammability limit : Not applicable.
Lower and upper explosion limit/flammability limit : Not available.
Vapor pressure : 0.1 kPa (0.78 mm Hg)
Relative vapor density : Not applicable.
Relative density : Not available.
Density : 1.868 g/cm³
Solubility in water : Not available.
Miscible with water : No.
Partition coefficient: n-octanol/water : Not applicable.
Auto-ignition temperature : 490°C (914°F)
Decomposition temperature : Not applicable.
Viscosity : Dynamic (room temperature): Not available.
Kinematic (room temperature): Not available.
Kinematic (40°C (104°F)): Not available.

Particle characteristics

Median particle size : Not available.

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	: No specific data.
Incompatible materials	: No specific data.
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

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/m³ [4 hours]

Rat - Inhalation - LC50 Gas.

2770 ppm [4 hours]

carbon black, non respirable

Rat - Oral - LD50

>15400 mg/kg

Toxic effects: Behavioral - Somnolence (general depressed activity)

Quartz

Rat - Inhalation - LC50 Dusts and mists

12.6 mg/l [4 hours]

DIETHANOL-P-TOLUIDINE

Rat - Male, Female - Oral - LD50

619 mg/kg

OECD 401

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 %

DIETHANOL-P-TOLUIDINE

Human - Skin - Moderate irritant

OECD 439

Duration of treatment/exposure: 15 minutes

Observation period: 43 hours

Section 11. Toxicological information

Conclusion/Summary [Product] : Not available.

Serious eye damage/eye irritation

Product/ingredient name

Vinyl benzene

Result

Human - Eyes - Mild irritant

Amount/concentration applied: 50 ppm

Rabbit - Eyes - Moderate irritant

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 100 mg

Rabbit - Eyes - Severe irritant

Amount/concentration applied: 100 mg

Rabbit - Eyes - Cornea opacity

OECD 405

Irritation score: 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

DIETHANOL-P-TOLUIDINE

Result

Mouse - skin

OECD 429

Result: 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

Section 11. Toxicological information

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.

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

Section 11. Toxicological information

- 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

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

Toxicity

Product/ingredient name

Vinyl benzene

Result

Acute - LC50 - Fresh water

US EPA

Daphnia - Water flea - *Daphnia magna*

Age: ≤24 hours

23 mg/l [48 hours]

Effect: Mortality

Acute - EC50 - Fresh water

Algae - Green algae - *Raphidocelis subcapitata*

33 mg/l [96 hours]

Effect: Population

DIETHANOL-P-TOLUIDINE

Acute - LC50

OECD 203

Fish

>100 mg/l [96 hours]

Acute - EC50

OECD 202

Daphnia

48 mg/l [48 hours]

Acute - NOEC

OECD 201

Algae

100 mg/l [72 hours]

Conclusion/Summary [Product] : Not available.

Persistence and degradability

Not available.

Conclusion/Summary [Product] : Not available.

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
Vinyl benzene	2.96	13.49	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.

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

U.S. Federal regulations

TSCA 8(a) CDR Exempt/Partial exemption: Not determined

Clean Water Act (CWA) 311: styrene

TSCA 12(b) - Chemical export notification

Not applicable.

Clean Air Act Section 112 : Listed

(b) Hazardous Air Pollutants (HAPs)

Clean Air Act Section 602 : Not listed

Class I Substances

Clean Air Act Section 602 : Not listed

Class II Substances

DEA List I Chemicals : Not listed

(Precursor Chemicals)

DEA List II Chemicals : Not listed

(Essential Chemicals)

SARA 302/304

Composition/information on ingredients

Name	%	EHS	SARA 302 TPQ		SARA 304 RQ	
			(lbs)	(gallons)	(lbs)	(gallons)
Hydroquinone	Proprietary	Yes.	500 / 10000	-	100	-

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

Composition/information on ingredients

Name	%	Classification
Vinyl benzene	≥5 - ≤10	FLAMMABLE LIQUIDS - Category 3 ACUTE TOXICITY (inhalation) - Category 4 SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A CARCINOGENICITY - Category 1B TOXIC TO REPRODUCTION - Category 2 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1 ASPIRATION HAZARD - Category 1
glass, oxide, chemicals	≥1 - ≤5	CARCINOGENICITY - Category 2
carbon black, non respirable	≥0.1 - ≤1	CARCINOGENICITY - Category 2
Quartz	≥0.1 - ≤1	CARCINOGENICITY - Category 1A SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1
DIETHANOL-P-TOLUIDINE	≥0.1 - ≤1	ACUTE TOXICITY (oral) - Category 4 SKIN IRRITATION - Category 2

Section 15. Regulatory information

SERIOUS EYE DAMAGE - Category 1
SKIN SENSITIZATION - Category 1

SARA 313

	Product name	CAS number	%
Form R - Reporting requirements	styrene	100-42-5	≥5 - ≤10
Supplier notification	styrene	100-42-5	≥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.

State regulations

- Massachusetts** : The following components are listed: CALCIUM CARBONATE; TALC; STYRENE; FIBROUS GLASS
- New York** : The following components are listed: Styrene
- New Jersey** : The following components are listed: CALCIUM CARBONATE; TALC (NOT CONTAINING ASBESTOS FIBERS); STYRENE MONOMER; CARBON BLACK; SILICA, QUARTZ
- Pennsylvania** : The following components are listed: LIMESTONE; TALC; BENZENE, ETHENYL-

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.

Inventory list

- Canada** : Not determined.
- United States** : Not determined.

Section 16. Other information

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

Health	*	3
Flammability		0
Physical hazards		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.

Section 16. Other information

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.)



History

Date of issue : 2/6/2026

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

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