

## SAFETY DATA SHEET

### Section 1. Identification

**Product identifier** : UP0659  
**Product name** : DOLPHIN ONE FILL BODY FILLER  
**Other means of identification** : UP0659; UP0660  
**Date of issue** : 2/19/2026  
**Version** : 2.02

#### 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 CANADA LIMITED  
 P.O. BOX 48600  
 VANCOUVER, BC V7X 1T2  
 1-800-424-9300  
 technicalsupport@u-pol.com

**Product information** : (855) 6-AXALTA

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

### Section 2. Hazard identification

**Classification of the substance or mixture** : ACUTE TOXICITY (inhalation) - Category 4  
 SKIN IRRITATION - Category 2  
 EYE IRRITATION - Category 2A  
 SKIN SENSITIZATION - Category 1  
 CARCINOGENICITY - Category 1A  
 TOXIC TO REPRODUCTION - Category 2  
 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1  
 Health Hazards Not Otherwise Classified - Category 1

#### GHS label elements

**Hazard pictograms** :



**Signal word** : Danger

**Hazard statements** : H315 - Causes skin irritation.  
 H317 - May cause an allergic skin reaction.  
 H319 - Causes serious eye irritation.  
 H332 - Harmful if inhaled.  
 H350 - May cause cancer.  
 H361 - Suspected of damaging fertility or the unborn child.  
 H372 - Causes damage to organs through prolonged or repeated exposure.  
 Prolonged or repeated contact may dry skin and cause irritation.

## Section 2. Hazard identification

### Precautionary statements

- Prevention** : P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P271 - Use only outdoors or in a well-ventilated area.  
P260 - Do not breathe dust.  
P270 - Do not eat, drink or smoke when using this product.  
P264 - Wash hands thoroughly after handling.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P280 - Wear protective gloves, protective clothing and eye or face protection.
- Response** : P308 + P313 - IF exposed or concerned: Get medical advice or attention.  
P304 + P340, P312 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.  
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.  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 - If eye irritation persists: Get medical advice or attention.
- Storage** : P405 - Store locked up.
- Disposal** : P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Supplemental label elements** : Avoid contact with skin and clothing. Wash thoroughly after handling.

## Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture
- Other means of identification** : UP0659; UP0660

| Ingredient name                                    | Synonyms   | % (w/w)     | Identifiers     |
|--|--|-------------|-----------------|
| Vinyl benzene                                      | Benzene, ethenyl-; Ethenylbenzene; Vinylbenzene; Styrol; Styrene monomer; Phenylethylene; Styrene, monomer; Styrene - monomer; Cinnamol; Cinnamene; Styrolene  | ≥10 - ≤30   | CAS: 100-42-5   |
| titanium dioxide                                   | Titanium oxide; Titanium oxide (TiO <sub>2</sub> ); Titanium peroxide; Rutile; C.I. Pigment White 6  | ≥0.5 - ≤1.5 | CAS: 13463-67-7 |
| 1-isopropyl-2,2-dimethyltrimethylene diisobutyrate | Propanoic acid, 2-methyl-, 1,1'-[2,2-dimethyl-1-(1-methylethyl)-1,3-propanediyl] ester; Propanoic acid, 2-methyl-, 2,2-dimethyl-1-(1-methylethyl)-1,3-propanediyl ester; 2,2,4-Trimethyl-1,3-pentanediol, diisobutyrate; 2,2,4-Trimethyl-1,3-pentanediol ester; 2,2,4-trimethylpentane-1,3-diol diisobutyrate; 1,3-Pentanediol, 2,2,4-trimethyl-, diisobutyrate (ester); | ≥0.5 - ≤1.5 | CAS: 6846-50-0  |

### Section 3. Composition/information on ingredients

|  |   |             |                    |
|--|---|-------------|--------------------|
| Distillates (petroleum), hydrotreated light paraffinic | 2,2,4-trimethyl-1,3-pentanediol diisobutyrate; TRIMETHYL PENTANYL DIISOBUTYRATE; TXIB; 2,2,4-Trimethylpentane-1,3-diyl diisobutyrate; 2,2,4-Trimethyl-1,3-pentanediol ester diisobutyrate   | ≥0.5 - ≤1.5 | CAS:<br>64742-55-8 |
| Quartz   | Baseoil - unspecified; Distillates, petroleum, hydrotreated light paraffinic; Mineral oil, petroleum distillates, hydrotreated light paraffinic; Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic; Distillates (petroleum), hydro-treated light paraffinic; Paraffin oil; DISTILLATES (PETROLEUM) HYDROTREATED LIGHT PARAFFINIC; DISTILLATES, HYDROTREATED LIGHT PARAFFINIC; ALIPHATIC HYDROCARBON, SULFURIZED; Distillates (petroleum), hydrotreated light paraffinic, Baseoil - unspecified | ≥0.1 - ≤1   | CAS:<br>14808-60-7 |
| DIETHANOL-P-TOLUIDINE                                  |   | ≥0.1 - ≤1   | CAS: --            |

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.

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 it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

## Section 4. First-aid measures

- Skin contact** : Wash skin thoroughly with soap and water or use recognized skin cleanser. 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** : Causes serious eye irritation.
- Inhalation** : Harmful if inhaled.
- Skin contact** : Causes skin irritation. Defatting to the skin. May cause an allergic skin reaction.
- Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
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:  
irritation  
redness  
dryness  
cracking  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Ingestion** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

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

- 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.

## Section 4. First-aid measures

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  
sulfur oxides  
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".

**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. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. 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.
- Storage code** : IC

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

| Ingredient name  | Exposure limits  |
|------------------|--|
| Vinyl benzene    | <p><b>CA Saskatchewan Provincial (Canada, 4/2021)</b><br/>           STEL 15 minutes: 40 ppm.<br/>           TWA 8 hours: 20 ppm.</p> <p><b>CA British Columbia Provincial (Canada, 9/2024) Carc 2A.</b><br/>           TWA 8 hours: 20 ppm.<br/>           STEL 15 minutes: 40 ppm.</p> <p><b>CA Ontario Provincial (Canada, 6/2019)</b><br/>           TWA 8 hours: 35 ppm.<br/>           STEL 15 minutes: 100 ppm.</p> <p><b>CA Quebec Provincial (Canada, 2/2024)</b><br/>           TWAEV 8 hours: 50 ppm.<br/>           STEV 15 minutes: 75 ppm.</p> <p><b>CA Alberta Provincial (Canada, 3/2023)</b><br/>           OEL 15 minutes: 40 ppm.<br/>           OEL 15 minutes: 170 mg/m<sup>3</sup>.<br/>           OEL 8 hours: 85 mg/m<sup>3</sup>.<br/>           OEL 8 hours: 20 ppm.</p> |
| titanium dioxide | <p><b>CA Saskatchewan Provincial (Canada, 4/2021)</b><br/>           STEL 15 minutes: 20 mg/m<sup>3</sup>.</p>   |

## Section 8. Exposure controls/personal protection

|  |  |
|--|--|
|  | <p>TWA 8 hours: 10 mg/m<sup>3</sup>.<br/> <b>CA British Columbia Provincial (Canada, 9/2024)</b> Carc 2B.<br/>         TWA 8 hours: 10 mg/m<sup>3</sup>. Notes: The 8-hour TWA listed in the Table is for the total dust. The substance also has an 8-hour TWA of 3 mg/m<sup>3</sup> for the respirable fraction.<br/> <b>CA Ontario Provincial (Canada, 6/2019)</b><br/>         TWA 8 hours: 10 mg/m<sup>3</sup>.<br/> <b>CA Quebec Provincial (Canada, 2/2024)</b><br/>         TWAEV 8 hours: 10 mg/m<sup>3</sup>. Form: total particulate matter.<br/> <b>CA Alberta Provincial (Canada, 3/2023)</b><br/>         OEL 8 hours: 10 mg/m<sup>3</sup>.</p> |
| Distillates (petroleum), hydrotreated light paraffinic | <p><b>CA Ontario Provincial (Canada, 6/2019)</b><br/> <b>[Mineral oil, excluding metal working fluids (pure, highly and severely refined)]</b><br/>         TWA 8 hours: 5 mg/m<sup>3</sup>. Form: Inhalable particulate matter..<br/> <b>CA Alberta Provincial (Canada, 3/2023)</b><br/> <b>[Oil]</b><br/>         OEL 8 hours: 5 mg/m<sup>3</sup>. Form: Mist.<br/>         OEL 15 minutes: 10 mg/m<sup>3</sup>. Form: Mist.</p>   |
| Quartz   | <p><b>CA Quebec Provincial (Canada, 2/2024)</b><br/> <b>[Silica Crystalline - Tripoli]</b><br/>         TWAEV 8 hours: 0.1 mg/m<sup>3</sup>. Form: respirable aerosol fraction.<br/> <b>CA Quebec Provincial (Canada, 2/2024)</b><br/> <b>[Silica Crystalline -Quartz] C2.</b><br/>         TWAEV 8 hours: 0.1 mg/m<sup>3</sup>. Form: respirable aerosol fraction.</p>  |

### Biological exposure indices

No exposure indices known.

**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.

**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.

## Section 8. Exposure controls/personal protection

- 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: chemical splash goggles.
- 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.
- 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** : White.
- 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: 32°C (89.6°F) [Product does not sustain combustion.]
- Evaporation rate** : Not available.
- Flammability** : Not available.
- Lower and upper explosion limit/flammability limit** : Not available.
- Vapor pressure** : 0.23 kPa (1.69 mm Hg)
- Relative vapor density** : Not applicable.
- Relative density** : Not available.
- Density** : 1.151 g/cm<sup>3</sup>
- Solubility in water** : Not available.
- Miscible with water** : No.

## Section 9. Physical and chemical properties

|   |  |
|---|--|
| <b>Partition coefficient: n-octanol/water</b> | : Not applicable.  |
| <b>Auto-ignition temperature</b>              | : 490°C (914°F)  |
| <b>Decomposition temperature</b>              | : Not applicable.  |
| <b>Viscosity</b>                              | : Dynamic (room temperature): Not available.<br>Kinematic (room temperature): Not available.<br>Kinematic (40°C (104°F)): Not available. |

### Particle characteristics

|                             |                  |
|-----------------------------|------------------|
| <b>Median particle size</b> | : 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 | Result   |
|-------------------------|--|
| Vinyl benzene           | <b>Rat - Oral - LD50</b><br>2650 mg/kg<br><b>Toxic effects:</b> Behavioral - Somnolence (general depressed activity) Liver - Other changes |
|                         | <b>Rat - Inhalation - LC50 Vapor</b><br>11800 mg/m <sup>3</sup> [4 hours]  |
|                         | <b>Rat - Inhalation - LC50 Gas.</b><br>2770 ppm [4 hours]  |
| Quartz                  | <b>Rat - Inhalation - LC50 Dusts and mists</b><br>12.6 mg/l [4 hours]  |
| DIETHANOL-P-TOLUIDINE   | <b>Rat - Male, Female - Oral - LD50</b><br>619 mg/kg<br>OECD 401   |

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

#### Skin corrosion/irritation

| Product/ingredient name | Result |
|-------------------------|--------|
|-------------------------|--------|

## Section 11. Toxicological information

Vinyl benzene

**Rabbit - Skin - Mild irritant**

Amount/concentration applied: 500 mg

**Rabbit - Skin - Moderate irritant**

Amount/concentration applied: 100 %

1-isopropyl-2,2-dimethyltrimethylene diisobutyrate

**Guinea pig - Skin - Mild irritant**

Amount/concentration applied: 5 gm

**Human - Skin - Mild irritant**

Duration of treatment/exposure: 504 hours

Amount/concentration applied: 1 % l

DIETHANOL-P-TOLUIDINE

**Human - Skin - Moderate irritant**

OECD 439

Duration of treatment/exposure: 15 minutes

Observation period: 43 hours

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

### Serious eye damage/eye irritation

**Product/ingredient name**

**Result**

Vinyl benzene

**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

DIETHANOL-P-TOLUIDINE

**Rabbit - Eyes - Cornea opacity**

OECD 405

Irritation score: 1.3

Not reversible

**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

**Mouse - skin**

OECD 429

Result: Sensitizing

**Skin**

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

**Respiratory**

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

## Section 11. Toxicological information

### Germ cell mutagenicity

Not available.

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

### Carcinogenicity

Not available.

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

### Classification

| Product/ingredient name                                | IARC | NTP  | ACGIH |
|--|------|--|-------|
| Vinyl benzene  | 2A   | Reasonably anticipated to be a human carcinogen. | A3    |
| titanium dioxide                                       | 2B   | -  | A3    |
| Distillates (petroleum), hydrotreated light paraffinic | -    | -  | A4    |
| 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

Distillates (petroleum), hydrotreated light paraffinic

ASPIRATION HAZARD - Category 1

### Information on the likely routes of exposure

Not available.

## Section 11. Toxicological information

### Potential acute health effects

- Eye contact** : Causes serious eye irritation.
- Inhalation** : Harmful if inhaled.
- Skin contact** : Causes skin irritation. Defatting to the skin. 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** : Adverse symptoms may include the following:  
pain or irritation  
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:  
irritation  
redness  
dryness  
cracking  
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

Not available.

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

- General** : Causes damage to organs through prolonged or repeated exposure. Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis. 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.

## Section 11. Toxicological information

**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) |
|-------------------------------------|--------------|----------------|--------------------------|----------------------------|-------------------------------------|
| DOLPHIN ONEFILL (OFPOFILL) ISSUE 15 | 15618.3      | N/A            | 17438.2                  | 74.3                       | 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                            | Result  |
|--|---|
| Vinyl benzene                                      | <p><b>Acute - LC50 - Fresh water</b><br/>           US EPA<br/>           Daphnia - Water flea - <i>Daphnia magna</i><br/>           Age: ≤24 hours<br/>           23 mg/l [48 hours]<br/>           Effect: Mortality</p> <p><b>Acute - EC50 - Fresh water</b><br/>           Algae - Green algae - <i>Raphidocelis subcapitata</i><br/>           33 mg/l [96 hours]<br/>           Effect: Population</p>                          |
| titanium dioxide                                   | <p><b>Acute - LC50 - Marine water</b><br/>           Fish - Mummichog - <i>Fundulus heteroclitus</i><br/>           &gt;1000 mg/l [96 hours]<br/>           Effect: Mortality</p>   |
| 1-isopropyl-2,2-dimethyltrimethylene diisobutyrate | <p><b>Acute - NOEC</b><br/>           OECD [Fish, Acute Toxicity Test]<br/>           Fish<br/>           6 mg/l [96 hours]</p> <p><b>Acute - EC50</b><br/>           EU C.2<br/>           Daphnia<br/>           &gt;1.46 mg/l [48 hours]</p> <p><b>Chronic - NOEC - Fresh water</b><br/>           OECD [Daphnia sp. Acute Immobilization Test and Reproduction Test]<br/>           Daphnia<br/>           0.7 mg/l [21 days]</p> |
| DIETHANOL-P-TOLUIDINE                              | <p><b>Acute - LC50</b><br/>           OECD 203<br/>           Fish<br/>           &gt;100 mg/l [96 hours]</p> <p><b>Acute - EC50</b></p>  |

## Section 12. Ecological information

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

| Product/ingredient name                            | Result   |
|--|--|
| 1-isopropyl-2,2-dimethyltrimethylene diisobutyrate | <b>Aerobic</b><br>OECD [Ready Biodegradability - CO <sub>2</sub> Evolution Test]<br>70.73% [28 days] - Readily |

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

| Product/ingredient name                            | Aquatic half-life | Photolysis | Biodegradability |
|--|-------------------|------------|------------------|
| 1-isopropyl-2,2-dimethyltrimethylene diisobutyrate | -                 | -          | Readily          |

### Bioaccumulative potential

| Product/ingredient name                            | LogP <sub>ow</sub> | BCF             | Potential |
|--|--------------------|-----------------|-----------|
| Vinyl benzene                                      | 2.96               | 13.49           | Low       |
| 1-isopropyl-2,2-dimethyltrimethylene diisobutyrate | -                  | 5340 [OECD 305] | High      |

### 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

## Section 13. Disposal considerations

runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

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

### Additional information

**DOT Classification** : **Reportable quantity** 6295.4 lbs / 2858.1 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.

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

### Canadian lists

**Canadian NPRI** : The following components are listed: styrene

**CEPA Toxic substances** : None of the components are listed.

### 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)

## Section 15. Regulatory information

Not listed.

### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

### Inventory list

**Canada** : At least one component is not listed.  
**United States** : Not determined.

## Section 16. Other information

### History

**Date of issue** : 2/19/2026

**Version** : 2.02

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  
HPR = Hazardous Products Regulations

🔍 Indicates information that has changed from previously issued version.

### Notice to reader

This product is intended for industrial use only.

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