

# SAFETY DATA SHEET



Flex 310 M HT 200 MS-Polymer

## Section 1. Identification

**Product identifier** : Flex 310 M HT 200 MS-Polymer  
**Product code** : 136550  
**Other means of identification** : Not available.  
**Product type** : Solid.  
**Color** : Gray.

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

#### Identified uses

Adhesives-Sealants-Elasticizer

#### Uses advised against

Not applicable.

**Supplier's details** : WEICON GmbH & Co. KG  
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#### National contact

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TRANSPORT EMERGENCY CONTACT :+1 866 928 0789 ((24h - Toll free)

## Section 2. Hazard identification

**Classification of the substance or mixture** : TOXIC TO REPRODUCTION - Category 2

### GHS label elements

**Hazard pictograms** :



**Signal word** : Warning

**Hazard statements** : H361 - Suspected of damaging fertility or the unborn child.

**Precautionary statements**

## Section 2. Hazard identification

- Prevention** : P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P280 - Wear protective gloves, protective clothing, eye protection, face protection, or hearing protection.
- Response** : P308 + P313 - IF exposed or concerned: Get medical advice or attention.
- Storage** : P405 - Store locked up.
- Disposal** : P501 - Dispose of waste according to applicable legislation.

## Section 3. Composition/information on ingredients

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

Ingredient name	Synonyms	% (w/w)	Identifiers
titanium dioxide	Titanium oxide; Titanium oxide (TiO <sub>2</sub> ); CI 77891; Titanium peroxide; Rutile; C.I. Pigment White 6; titanium dioxide coated with isopropoxytitanium triisostearate, containing by weight 1,5 % or more but not more than 2,5 % of isopropoxytitanium triisostearate; glass flakes (CAS RN 65997-17-3): — of a thickness of 0,3 µm or more but not more than 10 µm, and — coated with titanium dioxide (CAS RN 13463-67-7) or iron oxide (CAS RN 18282- 10-5); titanium dioxide, other than those of heading 3206 11 00; C.I. 77891; E 171; titanium(IV) oxide, other than those of heading 3206 11 00	≥3 - ≤7	CAS: 13463-67-7
Phenol, 4-methyl-, reaction products with dicyclopentadiene and isobutylene	p-Cresol, reaction products with dicyclopentadiene and isobutylene; Phenol, 4-methyl-, reaction products with dicyclopentadiene and isobutylene; butylated reaction product of p-cresol and dicyclopentadiene; p-cresol-dicyclopentadiene-isobutylene, copolymer; p-Cresol. Dicyclopentadiene.Isobutylene reaction product; 4-Methylphenol reaction products with dicyclopentadiene and isobutylene; REACTION PRODUCT, PHENOL, 4-METHYL- WITH DICYCLOPENTADIENE AND ISOBUTYLENE; p-Cresol, Dicyclopentadiene, Isobutylene reaction product; 4-Methylphenol, reaction products with dicyclopentadiene and isobutylene; Paraffinic Hydrocarbon Wax; Reaction product of 4-methylphenol with 2-methylpropene and tricyclo [5.2.1.02,6]deca-3,8-diene	≥0.1 - ≤1	CAS: 68610-51-5

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.

## Section 3. Composition/information on ingredients

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 if irritation occurs.
- 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** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. 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** : No known significant effects or critical hazards.
- 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:  
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. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

## 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:  
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. 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). 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

## Section 7. Handling and storage

### Advice on general occupational hygiene

containers retain product residue and can be hazardous. Do not reuse container.

- : 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
titanium dioxide	<p><b>CA Saskatchewan Provincial (Canada, 4/2021)</b>            STEL 15 minutes: 20 mg/m<sup>3</sup>.            TWA 8 hours: 10 mg/m<sup>3</sup>.</p> <p><b>CA British Columbia Provincial (Canada, 3/2025) Carc 2B.</b>            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.</p> <p><b>CA Ontario Provincial (Canada, 6/2019)</b>            TWA 8 hours: 10 mg/m<sup>3</sup>.</p> <p><b>CA Quebec Provincial (Canada, 2/2024)</b>            TWAEV 8 hours: 10 mg/m<sup>3</sup>. Form: total particulate matter.</p> <p><b>CA Alberta Provincial (Canada, 3/2023)</b>            OEL 8 hours: 10 mg/m<sup>3</sup>.</p>
methanol	<p><b>[Air contaminant - General manufacturing process]</b></p> <p><b>CA Saskatchewan Provincial (Canada, 4/2021)</b> Absorbed through skin.            STEL 15 minutes: 250 ppm.            TWA 8 hours: 200 ppm.</p> <p><b>CA British Columbia Provincial (Canada, 3/2025)</b> Absorbed through skin.            TWA 8 hours: 200 ppm.            STEL 15 minutes: 250 ppm.</p> <p><b>CA Ontario Provincial (Canada, 6/2019)</b> Absorbed through skin.            TWA 8 hours: 200 ppm.            STEL 15 minutes: 250 ppm.</p> <p><b>CA Quebec Provincial (Canada, 2/2024)</b> Absorbed through skin.            TWAEV 8 hours: 200 ppm.            TWAEV 8 hours: 262 mg/m<sup>3</sup>.            STEV 15 minutes: 250 ppm.            STEV 15 minutes: 328 mg/m<sup>3</sup>.</p> <p><b>CA Alberta Provincial (Canada, 3/2023)</b> Absorbed through skin.            OEL 8 hours: 262 mg/m<sup>3</sup>.</p>

## Section 8. Exposure controls/personal protection

OEL 8 hours: 200 ppm.  
OEL 15 minutes: 250 ppm.  
OEL 15 minutes: 328 mg/m<sup>3</sup>.

### Biological exposure indices

No exposure indices known.

- Appropriate engineering controls** : If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

- 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. 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** : 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. Recommended : 1 - 4 hours (breakthrough time): Protective gloves made of nitrile rubber (material thickness of 0,4 mm); EN 374-5 Cat. III 4 - 8 hours (breakthrough time): Protective gloves made of Viton®/ butyl rubber (material thickness of 0,7 mm); EN388 Cat.II / EN374 Cat.III / EN374-2
- 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** : Gray.
- Odor** : Characteristic.
- Odor threshold** : Not available.
- pH** : Not applicable.
- Melting point/freezing point** : Not available.

## Section 9. Physical and chemical properties

<b>Boiling point or initial boiling point and boiling range</b>	: Not available.
<b>Flash point</b>	: Not applicable.
<b>Evaporation rate</b>	: Not available.
<b>Flammability</b>	: Not available.
<b>Lower and upper explosion limit/flammability limit</b>	: Not applicable.
<b>Vapor pressure</b>	: <0 kPa (<0 mm Hg)
<b>Relative vapor density</b>	: Not applicable.
<b>Relative density</b>	: Not available.
<b>Density</b>	: 1.41 g/cm <sup>3</sup> [20°C (68°F)]
<b>Solubility in water</b>	: Not available.
<b>Miscible with water</b>	: No.
<b>Partition coefficient: n-octanol/water</b>	: Not applicable.
<b>Auto-ignition temperature</b>	: Not applicable.
<b>Decomposition temperature</b>	: Not available.
<b>Viscosity</b>	: 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

<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**

Phenol, 4-methyl-, reaction products with dicyclopentadiene and isobutylene

##### **Result**

**Rabbit - Dermal - LD50**

>5010 mg/kg

**Rat - Oral - LD50**

>16000 mg/kg

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

## Section 11. Toxicological information

### Skin corrosion/irritation

#### Product/ingredient name

titanium dioxide

#### Result

**Human - Skin - Mild irritant**Duration of treatment/exposure: 72 hoursAmount/concentration applied: 300 ug l

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

### Serious eye damage/eye irritation

#### Product/ingredient name

Phenol, 4-methyl-, reaction products with dicyclopentadiene and isobutylene

#### Result

**Rabbit - Eyes - Mild irritant**Amount/concentration applied: 0.1 gm

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

### Respiratory corrosion/irritation

Not available.

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

### Respiratory or skin sensitization

Not available.

### 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	IARC	NTP	ACGIH
titanium dioxide	2B	-	A3

### Reproductive toxicity

Not available.

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

### Specific target organ toxicity (single exposure)

## Section 11. Toxicological information

Not available.

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Not available.

### Information on the likely routes of exposure

Not available.

### 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>	: No known significant effects or critical hazards.
<b>Ingestion</b>	: No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

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

<b>Potential immediate effects</b>	: Not available.
<b>Potential delayed effects</b>	: Not available.

#### **Long term exposure**

<b>Potential immediate effects</b>	: Not available.
<b>Potential delayed effects</b>	: Not available.

### Potential chronic health effects

Not available.

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

<b>General</b>	: No known significant effects or critical hazards.
<b>Carcinogenicity</b>	: No known significant effects or critical hazards.
<b>Mutagenicity</b>	: No known significant effects or critical hazards.
<b>Reproductive toxicity</b>	: Suspected of damaging fertility or the unborn child.

## Section 11. Toxicological information

### Numerical measures of toxicity

#### Acute toxicity estimates

N/A

## Section 12. Ecological information

### Toxicity

#### Product/ingredient name

titanium dioxide

#### Result

##### **Acute - LC50 - Marine water**

Fish - Mummichog - *Fundulus heteroclitus*

&gt;1000 mg/l [96 hours]

Effect: Mortality

##### **Acute - LC50 - Fresh water**

Crustaceans - Water flea - *Ceriodaphnia dubia* - NeonateAge: <24 hours

3 mg/l [48 hours]

Effect: Mortality

##### **Acute - LC50 - Fresh water**

Crustaceans - Water flea - *Ceriodaphnia dubia* - NeonateAge: <24 hours

13.4 mg/l [48 hours]

Effect: Mortality

##### **Acute - LC50 - Fresh water**

Crustaceans - Water flea - *Ceriodaphnia dubia* - NeonateAge: <24 hours

11 mg/l [48 hours]

Effect: Mortality

##### **Acute - LC50 - Fresh water**

Crustaceans - Water flea - *Ceriodaphnia dubia* - NeonateAge: <24 hours

3.6 mg/l [48 hours]

Effect: Mortality

##### **Acute - LC50 - Fresh water**

Crustaceans - Water flea - *Ceriodaphnia dubia* - NeonateAge: <24 hours

15.9 mg/l [48 hours]

Effect: Mortality

##### **Acute - LC50 - Fresh water**

Daphnia - Water flea - *Daphnia pulex* - NeonateAge: <24 hours

6.5 mg/l [48 hours]

Effect: Mortality

##### **Acute - LC50 - Fresh water**

Daphnia - Water flea - *Daphnia pulex* - NeonateAge: <24 hours

13 mg/l [48 hours]

Effect: Mortality

##### **Acute - LC50 - Fresh water**

Fish - Fathead minnow - *Pimephales promelas*Age: 1 to 14 days

&gt;1000 mg/l [96 hours]

Effect: Mortality

##### **Acute - EC50 - Fresh water**

OECD

Daphnia - Water flea - *Daphnia magna*

19.3 mg/l [48 hours]

## Section 12. Ecological information

Effect: Intoxication

**Acute - EC50 - Fresh water**

OECD

Daphnia - Water flea - *Daphnia magna*

27.8 mg/l [48 hours]

Effect: Intoxication

**Acute - EC50 - Fresh water**

OECD

Daphnia - Water flea - *Daphnia magna* - Neonate

Age: <24 hours

35.306 mg/l [48 hours]

Effect: Intoxication

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

### Persistence and degradability

Not available.

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

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
Phenol, 4-methyl-, reaction products with dicyclopentadiene and isobutylene	7.17 to 8.17	-	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 runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	TDG Classification	DOT Classification	IMDG	IATA
UN number	Not available.	Not available.	Not available.	Not available.
UN proper shipping name	Not available.	Not available.	Not available.	Not available.
Transport hazard class(es)	Not available.	Not available.	Not available.	Not available.
Packing group	-	-	-	-
Environmental hazards	No.	No.	No.	No.

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Transport in bulk according to IMO instruments** : Not available.

## Section 15. Regulatory information

### Canadian lists

**Canadian NPRI** : None of the components are listed.

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

**VOC content** : 2.01 %

**VOC (g/L)** : 20.01

### 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

**Australia** : Not determined.

**Canada** : Not determined.

**China** : All components are listed or exempted.

**Eurasian Economic Union** : **Russian Federation inventory:** Not determined.

**Japan** : **Japan inventory (CSCL):** Not determined.

**Japan inventory (ISHL):** Not determined.

**New Zealand** : All components are listed or exempted.

**Philippines** : Not determined.

## Section 15. Regulatory information

<b>Republic of Korea</b>	: Not determined.
<b>Taiwan</b>	: Not determined.
<b>Thailand</b>	: Not determined.
<b>Turkey</b>	: All components are listed or exempted.
<b>United States</b>	: All components are active or exempted.
<b>Viet Nam</b>	: Not determined.

## Section 16. Other information

### History

<b>Date of printing</b>	: 2/24/2026
<b>Date of issue/Date of revision</b>	: ***
<b>Date of previous issue</b>	: 2/5/2026
<b>Version</b>	: 5.6

<b>Key to abbreviations</b>	: ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor DOT = Department of Transportation GHS = Globally Harmonized System of Classification and Labelling of Chemicals HPR = Hazardous Products Regulations IATA = International Air Transport Association IBC = Intermediate Bulk Container IMDG = International Maritime Dangerous Goods IMO = International Maritime Organization 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) N/A = Not available SGG = Segregation Group TDG = Transportation of Dangerous Goods UN = United Nations
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### Procedure used to derive the classification

Classification	Justification
TOXIC TO REPRODUCTION - Category 2	Calculation method

**References** : Not available.

📌 Indicates information that has changed from previously issued version.

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.