



Safety Data Sheet

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|------------------------|------------|-------------------------|------------|
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This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Ultimate Fast Finish - Aerosol G183 [G18309 G183250]

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

Identified uses

Automotive.

1.3. Details of the supplier of the safety data sheet

| | |
|-------------------|---|
| Address: | Meguiars United Kingdom Limited, 3 Lamport Court, Heartlands, Daventry, Northants, NN11 8UF |
| Telephone: | +44 (0)870 241 6696 |
| E Mail: | info@meguiars.co.uk |
| Website: | www.meguiars.co.uk |

1.4. Emergency telephone number

Emergency medical information: 8am-10pm (seven days) contact National Poisons Information Centre, Beaumont Hospital, Dublin 9 DOV2NO, Ireland. Telephone Number: +353 (0)1 809 2166

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

CLP REGULATION (EC) No 1272/2008

The health and environmental classifications of this material have been derived using the calculation method, except in cases where test data are available or the physical form impacts classification. Classification(s) based on test data or physical form are noted below, if applicable.

CLASSIFICATION:

Aerosol, Category 1 - Aerosol 1; H222, H229

Hazardous to the Aquatic Environment (Chronic), Category 3 - Aquatic Chronic 3; H412

For full text of H phrases, see Section 16.

2.2. Label elements**CLP REGULATION (EC) No 1272/2008****SIGNAL WORD**

DANGER.

Symbols

GHS02 (Flame) |

Pictograms**HAZARD STATEMENTS:**

H222 Extremely flammable aerosol.
 H229 Pressurised container. may burst if heated.
 H412 Harmful to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS**General:**

P102 Keep out of reach of children.

Prevention:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P211 Do not spray on an open flame or other ignition source.
 P251 Do not pierce or burn, even after use.

Storage:

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50C/122F.

Disposal:

P501 Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

14% of the mixture consists of components of unknown acute oral toxicity.

2.3. Other hazards

Contains a substance that meets the criteria for PBT according to Regulation (EC) No 1907/2006, Annex XIII Contains a substance that meets the criteria for vPvB according to Regulation (EC) No 1907/2006, Annex XIII

SECTION 3: Composition/information on ingredients**3.1. Substances**

Not applicable

3.2. Mixtures

| Ingredient | Identifier(s) | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|------------------------------|--------------------|---------|---|
| Decamethylcyclopentasiloxane | (CAS-No.) 541-02-6 | 70 - 90 | Aquatic Chronic 4, H413 |

| | | | |
|------------------------------|--|---------|---|
| | (EC-No.) 208-764-9 | | |
| propane | (CAS-No.) 74-98-6 (EC-No.) 200-827-9 | 10 - 30 | Liquified gas, H280 Nota U |
| octamethylcyclotetrasiloxane | (CAS-No.) 556-67-2 (EC-No.) 209-136-7 | < 0.1 | Repr. 2, H361f Aquatic Chronic 1, H410, M=10 Flam. Liq. 3, H226 |

Please see section 16 for the full text of any H statements referred to in this section

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Remove person to fresh air. Get medical attention.

Skin contact

Wash with soap and water. If you feel unwell, get medical attention.

Eye contact

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

If swallowed

Rinse mouth. If you feel unwell, get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

No critical symptoms or effects. See Section 11.1, information on toxicological effects.

4.3. Indication of any immediate medical attention and special treatment required

Exposure may increase myocardial irritability. Do not administer sympathomimetic drugs unless absolutely necessary.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Use a fire fighting agent suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Closed containers exposed to heat from fire may build pressure and explode.

Hazardous Decomposition or By-Products

Substance

Carbon monoxide
Carbon dioxide.

Condition

During combustion.
During combustion.

5.3. Advice for fire-fighters

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapours in the spill area to burn or explode. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

6.2. Environmental precautions

Avoid release to the environment. For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water.

6.3. Methods and material for containment and cleaning up

Contain spill. Cover spill area with a fire-extinguishing foam. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible using non-sparking tools. Place in a metal container approved for transportation by appropriate authorities. Seal the container. Dispose of collected material as soon as possible.

6.4. Reference to other sections

Refer to Section 8 and Section 13 for more information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep out of reach of children. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.)

7.2. Conditions for safe storage including any incompatibilities

Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store away from acids. Store away from oxidising agents.

7.3. Specific end use(s)

See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

| Ingredient | CAS Nbr | Agency | Limit type | Additional comments |
|------------|---------|--------|------------------------------|---------------------|
| propane | 74-98-6 | UK HSC | Limit value not established: | asphyxiant |

UK HSC : UK Health and Safety Commission
TWA: Time-Weighted-Average
STEL: Short Term Exposure Limit
CEIL: Ceiling

Biological limit values

No biological limit values exist for any of the components listed in Section 3 of this safety data sheet.

Recommended monitoring procedures: Information on recommended monitoring procedures can be obtained from Indust. Inspect./Ministry (IE)

8.2. Exposure controls

8.2.1. Engineering controls

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapours/spray. If ventilation is not adequate, use respiratory protection equipment.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:

Full face shield.

Indirect vented goggles.

Applicable Norms/Standards

Use eye/face protection conforming to EN 166

Skin/hand protection

No chemical protective gloves are required.

Respiratory protection

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for organic vapours and particulates

For questions about suitability for a specific application, consult with your respirator manufacturer.

Applicable Norms/Standards

Use a respirator conforming to EN 140 or EN 136: filter types A & P

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|------------------------------|---|
| Physical state | Liquid. |
| Colour | Colourless |
| Odor | Odourless |
| Odour threshold | No data available. |
| Melting point/freezing point | No data available. |
| Boiling point/boiling range | Not applicable. |
| Flammability (solid, gas) | Not applicable. |
| Flammable Limits(LEL) | No data available. |
| Flammable Limits(UEL) | No data available. |
| Flash point | >=-104.4 °C [Details:(based on propellant)] |
| Autoignition temperature | No data available. |
| Decomposition temperature | No data available. |
| pH | |
| Kinematic Viscosity | No data available. |
| Water solubility | No data available. |
| Solubility- non-water | No data available. |

Partition coefficient: n-octanol/water
 Vapour pressure
 Density
 Relative density
 Relative Vapor Density

No data available.
Not applicable.
 0.959 g/ml
No data available.
No data available.

9.2. Other information

9.2.2 Other safety characteristics

EU Volatile Organic Compounds
 Evaporation rate
 Percent volatile

No data available.
No data available.
 14.8 % weight

SECTION 10: Stability and reactivity

10.1 Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section

10.2 Chemical stability

Stable.

10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

10.4 Conditions to avoid

Sparks and/or flames.

10.5 Incompatible materials

Strong oxidising agents.
 Strong acids.

10.6 Hazardous decomposition products

Substance

None known.

Condition

Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 11 are based on UN GHS calculation rules and classifications derived from internal hazard assessments.

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation

May cause additional health effects (see below).

Skin contact

Contact with the skin during product use is not expected to result in significant irritation.

Eye contact

Contact with the eyes during product use is not expected to result in significant irritation.

Ingestion

No known health effects.

Additional Health Effects:**Single exposure may cause target organ effects:**

Single exposure, above recommended guidelines, may cause: Cardiac Sensitization: Signs/symptoms may include irregular heartbeat (arrhythmia), faintness, chest pain, and may be fatal.

Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

| Name | Route | Species | Value |
|------------------------------|--------------------------------|---------|--|
| Overall product | Ingestion | | No data available; calculated ATE >5,000 mg/kg |
| Decamethylcyclopentasiloxane | Dermal | Rabbit | LD50 > 15,000 mg/kg |
| Decamethylcyclopentasiloxane | Inhalation-Dust/Mist (4 hours) | Rat | LC50 8.7 mg/l |
| Decamethylcyclopentasiloxane | Ingestion | Rat | LD50 > 24,134 mg/kg |
| propane | Inhalation-Gas (4 hours) | Rat | LC50 > 200,000 ppm |
| octamethylcyclotetrasiloxane | Dermal | Rat | LD50 > 2,400 mg/kg |
| octamethylcyclotetrasiloxane | Inhalation-Dust/Mist (4 hours) | Rat | LC50 36 mg/l |
| octamethylcyclotetrasiloxane | Ingestion | Rat | LD50 > 5,000 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|------------------------------|---------|---------------------------|
| Decamethylcyclopentasiloxane | Rabbit | No significant irritation |
| propane | Rabbit | Minimal irritation |
| octamethylcyclotetrasiloxane | Rabbit | Minimal irritation |

Serious Eye Damage/Irritation

| Name | Species | Value |
|------------------------------|---------|---------------------------|
| Decamethylcyclopentasiloxane | Rabbit | No significant irritation |
| propane | Rabbit | Mild irritant |
| octamethylcyclotetrasiloxane | Rabbit | No significant irritation |

Skin Sensitisation

| Name | Species | Value |
|------------------------------|------------------|----------------|
| Decamethylcyclopentasiloxane | Mouse | Not classified |
| octamethylcyclotetrasiloxane | Human and animal | Not classified |

Respiratory Sensitisation

For the component/components, either no data is currently available or the data is not sufficient for classification.

Germ Cell Mutagenicity

| Name | Route | Value |
|------------------------------|----------|--|
| Decamethylcyclopentasiloxane | In Vitro | Not mutagenic |
| Decamethylcyclopentasiloxane | In vivo | Not mutagenic |
| propane | In Vitro | Not mutagenic |
| octamethylcyclotetrasiloxane | In Vitro | Some positive data exist, but the data are not sufficient for classification |

Carcinogenicity

| Name | Route | Species | Value |
|------------------------------|------------|---------|--|
| Decamethylcyclopentasiloxane | Inhalation | Rat | Some positive data exist, but the data are not sufficient for classification |

Reproductive Toxicity**Reproductive and/or Developmental Effects**

| Name | Route | Value | Species | Test result | Exposure Duration |
|------------------------------|------------|--|---------|--------------------|----------------------|
| Decamethylcyclopentasiloxane | Inhalation | Not classified for female reproduction | Rat | NOAEL 2.43 mg/l | 2 generation |
| Decamethylcyclopentasiloxane | Inhalation | Not classified for male reproduction | Rat | NOAEL 2.43 mg/l | 2 generation |
| Decamethylcyclopentasiloxane | Inhalation | Not classified for development | Rat | NOAEL 2.43 mg/l | 2 generation |
| octamethylcyclotetrasiloxane | Inhalation | Not classified for male reproduction | Rat | NOAEL 8.5 mg/l | 2 generation |
| octamethylcyclotetrasiloxane | Ingestion | Toxic to female reproduction | Rabbit | NOAEL 50 mg/kg/day | during organogenesis |
| octamethylcyclotetrasiloxane | Inhalation | Toxic to female reproduction | Rat | NOAEL 3.6 mg/l | 2 generation |

Target Organ(s)**Specific Target Organ Toxicity - single exposure**

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|---------|------------|-----------------------------------|-----------------------------------|---------|---------------------|-------------------|
| propane | Inhalation | cardiac sensitisation | Causes damage to organs | Human | NOAEL Not available | |
| propane | Inhalation | central nervous system depression | May cause drowsiness or dizziness | Human | NOAEL Not available | |
| propane | Inhalation | respiratory irritation | Not classified | Human | NOAEL Not available | |

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|------------------------------|------------|--|----------------|---------|-----------------------|-------------------|
| Decamethylcyclopentasiloxane | Dermal | hematopoietic system eyes | Not classified | Rat | NOAEL 1,600 mg/kg/day | 28 days |
| Decamethylcyclopentasiloxane | Inhalation | hematopoietic system respiratory system liver eyes kidney and/or bladder | Not classified | Rat | NOAEL 2.42 mg/l | 2 years |
| Decamethylcyclopentasiloxane | Ingestion | liver immune system respiratory system heart hematopoietic system kidney | Not classified | Rat | NOAEL 1,000 mg/kg/day | 90 days |

| | | | | | | |
|------------------------------|------------|--|----------------|--------|-----------------------|--------------|
| | | and/or bladder | | | | |
| octamethylcyclotetrasiloxane | Dermal | hematopoietic system | Not classified | Rabbit | NOAEL 960 mg/kg/day | 3 weeks |
| octamethylcyclotetrasiloxane | Inhalation | liver | Not classified | Rat | NOAEL 8.5 mg/l | 13 weeks |
| octamethylcyclotetrasiloxane | Inhalation | endocrine system immune system kidney and/or bladder | Not classified | Rat | NOAEL 8.5 mg/l | 2 generation |
| octamethylcyclotetrasiloxane | Inhalation | hematopoietic system | Not classified | Rat | NOAEL 8.5 mg/l | 13 weeks |
| octamethylcyclotetrasiloxane | Ingestion | liver | Not classified | Rat | NOAEL 1,600 mg/kg/day | 2 weeks |

Aspiration Hazard

For the component/components, either no data is currently available or the data is not sufficient for classification.

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

11.2. Information on other hazards

This material does not contain any substances that are assessed to be an endocrine disruptor for human health.

SECTION 12: Ecological information

The information below may not agree with the EU material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 12 are based on UN GHS calculation rules and classifications derived from 3M assessments.

12.1. Toxicity

No product test data available.

| Material | CAS # | Organism | Type | Exposure | Test endpoint | Test result |
|------------------------------|----------|------------------|---|----------|---------------|-------------|
| Decamethylcyclopentasiloxane | 541-02-6 | Activated sludge | Experimental | 3 hours | EC50 | >2,000 mg/l |
| Decamethylcyclopentasiloxane | 541-02-6 | Green Algae | Experimental | 96 hours | EC50 | >100 mg/l |
| Decamethylcyclopentasiloxane | 541-02-6 | Rainbow trout | Experimental | 96 hours | LC50 | >100 mg/l |
| Decamethylcyclopentasiloxane | 541-02-6 | Water flea | Experimental | 48 hours | EC50 | >100 mg/l |
| Decamethylcyclopentasiloxane | 541-02-6 | Green Algae | Experimental | 96 hours | NOEC | 100 mg/l |
| Decamethylcyclopentasiloxane | 541-02-6 | Rainbow trout | Experimental | 90 days | NOEC | 100 mg/l |
| Decamethylcyclopentasiloxane | 541-02-6 | Water flea | Experimental | 21 days | NOEC | 100 mg/l |
| propane | 74-98-6 | | Data not available or insufficient for classification | | | N/A |
| octamethylcyclotetrasiloxane | 556-67-2 | Rainbow trout | Experimental | 93 days | NOEC | 0.0044 mg/l |
| octamethylcyclotetrasiloxane | 556-67-2 | Water flea | Experimental | 21 days | NOEC | 0.0079 mg/l |

12.2. Persistence and degradability

| Material | CAS Nbr | Test type | Duration | Study Type | Test result | Protocol |
|------------------------------|----------|-----------------------------|----------|-------------------------------|------------------------|------------------------|
| Decamethylcyclopentasiloxane | 541-02-6 | Experimental Photolysis | | Photolytic half-life (in air) | 20.4 days (t 1/2) | Non-standard method |
| Decamethylcyclopentasiloxane | 541-02-6 | Experimental Hydrolysis | | Hydrolytic half-life | 66 days (t 1/2) | Non-standard method |
| Decamethylcyclopentasiloxane | 541-02-6 | Experimental Biodegradation | 28 days | CO2 evolution | 0.14 % weight | OECD 310 CO2 Headspace |
| propane | 74-98-6 | Experimental Photolysis | | Photolytic half-life (in air) | 27.5 days (t 1/2) | Non-standard method |
| octamethylcyclotetrasiloxane | 556-67-2 | Experimental Photolysis | | Photolytic half-life (in air) | 31 days (t 1/2) | Non-standard method |
| octamethylcyclotetrasiloxane | 556-67-2 | Experimental Hydrolysis | | Hydrolytic half-life | 69.3-144 hours (t 1/2) | Non-standard method |
| octamethylcyclotetrasiloxane | 556-67-2 | Experimental Biodegradation | 28 days | CO2 evolution | 3.7 % weight | OECD 310 CO2 Headspace |

12.3 : Bioaccumulative potential

| Material | Cas No. | Test type | Duration | Study Type | Test result | Protocol |
|------------------------------|----------|-----------------------------------|----------|------------------------|-------------|--|
| Decamethylcyclopentasiloxane | 541-02-6 | Experimental BCF - Fathead Minnow | 35 days | Bioaccumulation factor | 7060 | OECD 305E - Bioaccumulation flow-through fish test |
| propane | 74-98-6 | Experimental Bioconcentration | | Log Kow | 2.36 | Non-standard method |
| octamethylcyclotetrasiloxane | 556-67-2 | Experimental BCF - Fathead Minnow | 28 days | Bioaccumulation factor | 12400 | Non-standard method |

12.4. Mobility in soil

No test data available.

12.5. Results of the PBT and vPvB assessment

| Ingredient | CAS Nbr | PBT/vPvB status |
|------------------------------|----------|--------------------------|
| Decamethylcyclopentasiloxane | 541-02-6 | Meets REACH PBT criteria |
| Decamethylcyclopentasiloxane | 541-02-6 | Meets REACH PBT criteria |
| Decamethylcyclopentasiloxane | 541-02-6 | Meets REACH PBT criteria |
| Decamethylcyclopentasiloxane | 541-02-6 | Meets REACH PBT criteria |
| octamethylcyclotetrasiloxane | 556-67-2 | Meets REACH PBT criteria |
| octamethylcyclotetrasiloxane | 556-67-2 | Meets REACH PBT criteria |
| octamethylcyclotetrasiloxane | 556-67-2 | Meets REACH PBT criteria |
| octamethylcyclotetrasiloxane | 556-67-2 | Meets REACH PBT criteria |

12.6. Endocrine disrupting properties

This material does not contain any substances that are assessed to be an endocrine disruptor for environmental effects

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Incinerate in a permitted waste incineration facility. Facility must be capable of handling aerosol cans. As a disposal alternative, utilize an acceptable permitted waste disposal facility. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal

facilities.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of the manufacturer, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/CE and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor

EU waste code (product as sold)

070704* Other organic solvents, washing liquids and mother liquors
16 05 04* Gases in pressure containers (including halons) containing dangerous substances

EU waste code (product container after use)

15 01 04 Metallic packaging

SECTION 14: Transportation information

| | Ground Transport (ADR) | Air Transport (IATA) | Marine Transport (IMDG) |
|--|--|--|--|
| 14.1 UN number | UN1950 | UN1950 | UN1950 |
| 14.2 UN proper shipping name | AEROSOLS | AEROSOLS, FLAMMABLE | AEROSOLS |
| 14.3 Transport hazard class(es) | 2.1 | 2.1 | 2.1 |
| 14.4 Packing group | Not applicable. | Not Applicable | Not Applicable |
| 14.5 Environmental hazards | Not Environmentally Hazardous | Not applicable | Not a Marine Pollutant |
| 14.6 Special precautions for user | Please refer to the other sections of the SDS for further information. | Please refer to the other sections of the SDS for further information. | Please refer to the other sections of the SDS for further information. |
| 14.7 Transport in bulk according to Annex II of Marpol 73/78 and IBC Code | No data available. | No Data Available | No Data Available |
| Control Temperature | No data available. | No Data Available | No Data Available |
| Emergency Temperature | No data available. | No Data Available | No Data Available |
| ADR Tunnel Code | (E) | Not Applicable | Not Applicable |
| ADR Classification Code | 5F | Not Applicable | Not Applicable |

| | | | |
|--------------------------------|-----------------|----------------|----------------|
| ADR Transport Category | 4 | Not Applicable | Not Applicable |
| ADR Multiplier | 0 | 0 | 0 |
| IMDG Segregation Code | Not applicable. | Not Applicable | NONE |
| Transport not Permitted | Not applicable. | Not Applicable | Not Applicable |

Please contact the address or phone number listed on the first page of the SDS for additional information on the transport/shipment of the material by rail (RID) or inland waterways (ADN).

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Restrictions on the manufacture, placing on the market and use:

The following substance(s) contained in this product is/are subject through Annex XVII of REACH regulation to restrictions on the manufacture, placing on the market and use when present in certain dangerous substances, mixtures and articles. Users of this product are required to comply with the restrictions placed upon it by the aforementioned provision.

| <u>Ingredient</u> | <u>CAS Nbr</u> |
|------------------------------|-----------------------|
| Decamethylcyclotetrasiloxane | 541-02-6 |
| octamethylcyclotetrasiloxane | 556-67-2 |

Restriction status: listed in REACH Annex XVII

Restricted uses: See Annex XVII to Regulation (EC) No 1907/2006 for Conditions of Restriction

Authorization status under REACH:

The following substance/s contained in this product might be or is/are subject to authorization in accordance with REACH:

| <u>Ingredient</u> | <u>CAS Nbr</u> |
|------------------------------|-----------------------|
| Decamethylcyclotetrasiloxane | 541-02-6 |
| octamethylcyclotetrasiloxane | 556-67-2 |

Authorization status: listed in the Candidate List of Substances of Very High Concern for Authorization

Global inventory status

Contact manufacturer for more information. The components of this material are in compliance with the provisions of the Korea Chemical Control Act. Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Philippines RA 6969 requirements. Certain restrictions may apply. Contact the selling division for additional information. The components of this product are in compliance with the new substance notification requirements of CEPA. The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out for this substance/mixture in accordance with Regulation (EC) No 1907/2006, as amended.

SECTION 16: Other information

List of relevant H statements

| | |
|-------|---|
| H222 | Extremely flammable aerosol. |
| H226 | Flammable liquid and vapour. |
| H229 | Pressurised container. may burst if heated. |
| H280 | Contains gas under pressure; may explode if heated. |
| H361f | Suspected of damaging fertility. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |
| H413 | May cause long lasting harmful effects to aquatic life. |

Revision information:

EU Section 09: pH information information was added.
 Section 1: Emergency telephone information was modified.
 Section 1: Product name information was modified.
 Label: CLP Classification information was modified.
 Label: CLP Environmental Hazard Statements information was modified.
 Label: CLP Precautionary - Prevention information was modified.
 Section 2: Other hazards phrase information was modified.
 Section 03: Composition table % Column heading information was added.
 Section 3: Composition/ Information of ingredients table information was modified.
 Section 03: Substance not applicable information was added.
 Section 04: Information on toxicological effects information was modified.
 Section 5: Hazardous combustion products table information was modified.
 Section 6: Accidental release clean-up information information was modified.
 Section 7: Conditions safe storage information was modified.
 Section 8: Eye protection information information was deleted.
 Section 8: Eye/face protection information information was added.
 Section 8: Occupational exposure limit table information was modified.
 Section 8: Personal Protection - Eye information information was added.
 Section 09: Color information was added.
 Section 9: Evaporation Rate information information was deleted.
 Section 9: Explosive properties information information was deleted.
 Section 09: Kinematic Viscosity information information was added.
 Section 9: Melting point information information was modified.
 Section 09: Odor information was added.
 Sections 3 and 9: Odour, colour, grade information information was deleted.
 Section 9: Oxidising properties information information was deleted.
 Section 9: pH information information was deleted.
 Section 9: Property description for optional properties information was modified.
 Section 9: Vapour density value information was added.
 Section 9: Vapour density value information was deleted.
 Section 9: Viscosity information information was deleted.
 Section 11: Acute Toxicity table information was modified.
 Section 11: Classification disclaimer information was modified.
 Section 11: Germ Cell Mutagenicity Table information was modified.
 Section 11: No endocrine disruptor information available warning information was added.
 Section 11: Reproductive and/or Developmental Effects text information was deleted.
 Section 11: Reproductive Toxicity Table information was modified.
 Section 11: Serious Eye Damage/Irritation Table information was modified.
 Section 11: Single exposure may cause standard phrases information was modified.
 Section 11: Skin Corrosion/Irritation Table information was modified.
 Section 11: Skin Sensitization Table information was modified.

Section 11: Target Organs - Repeated Table information was modified.
Section 11: Target Organs - Single Table information was modified.
Section 12: 12.6. Endocrine Disrupting Properties information was added.
Section 12: 12.7. Other adverse effects information was modified.
Section 12: Component ecotoxicity information information was modified.
Section 12: Contact manufacturer for more detail. information was deleted.
Section 12: No Data text for mobility in soil information was added.
Section 12: No endocrine disruptor information available warning information was added.
Section 12: No PBT/vPvB information available warning information was deleted.
Section 12: PBT/vPvB table row information was added.
Section 12: Persistence and Degradability information information was modified.
Section 12: Biocumulative potential information information was modified.
Section 13: 13.1. Waste disposal note information was modified.
Section 14 Classification Code – Main Heading information was added.
Section 14 Classification Code – Regulation Data information was added.
Section 14 Control Temperature – Main Heading information was added.
Section 14 Control Temperature – Regulation Data information was added.
Section 14 Disclaimer Information information was added.
Section 14 Emergency Temperature – Main Heading information was added.
Section 14 Emergency Temperature – Regulation Data information was added.
Section 14 Hazard Class + Sub Risk – Main Heading information was added.
Section 14 Hazard Class + Sub Risk – Regulation Data information was added.
Section 14 Hazardous/Not Hazardous for Transportation information was added.
Section 14 Multiplier – Main Heading information was added.
Section 14 Multiplier – Regulation Data information was added.
Section 14 Other Dangerous Goods – Main Heading information was added.
Section 14 Other Dangerous Goods – Regulation Data information was added.
Section 14 Packing Group – Main Heading information was added.
Section 14 Packing Group – Regulation Data information was added.
Section 14 Proper Shipping Name information was added.
Section 14 Regulations – Main Headings information was added.
Section 14 Segregation – Regulation Data information was added.
Section 14 Segregation Code – Main Heading information was added.
Section 14 Special Precautions – Main Heading information was added.
Section 14 Special Precautions – Regulation Data information was added.
Section 14 Transport Category – Main Heading information was added.
Section 14 Transport Category – Regulation Data information was added.
Section 14 Transport in bulk – Regulation Data information was added.
Section 14 Transport in bulk according to Annex II of Marpol and the IBC Code – Main Heading information was added.
Section 14 Transport Not Permitted – Main Heading information was added.
Section 14 Transport Not Permitted – Regulation Data information was added.
Section 14 Tunnel Code – Main Heading information was added.
Section 14 Tunnel Code – Regulation Data information was added.
Section 14 UN Number Column data information was added.
Section 14 UN Number information was added.
Section 14: Transportation classification information was deleted.
Section 15: Authorization status under REACH: SVHC Authorization ingredient information information was added.
Section 15: Chemical Safety Assessment information was added.
Section 15: Regulations - Inventories information was modified.
Section 15: Restrictions on manufacture ingredients information information was added.
Two-column table displaying the unique list of H Codes and statements (std phrases) for all components of the given material.
information was modified.
Section 16: UK disclaimer information was deleted.

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