# REVvive by RSG e-Coat- Olive Green

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 05/02/2017 Revision date: 06/27/2018 Supersedes: 05/02/2017 Version: 1.1

## SECTION 1: Identification

### 1.1. Identification

Product form : Mixture

Trade name : REVvive by RSG e-Coat- Olive Green

Other means of identification : UPC - 66623391017

### 1.2. Recommended use and restrictions on use

Recommended use : For professional use only

### 1.3. Supplier

**United States**
Saint-Gobain Abrasives Inc
1 New Bond Street
Worcester, MA 01615
T 800-551-4413
www.Nortonabrasives.com

### 1.4. Emergency telephone number

Emergency number : 508-795-5000. For emergencies in the US call 800-424-9300

## SECTION 2: Hazard(s) identification

### 2.1. Classification of the substance or mixture

**GHS Classification**

| | |
|---|---|
| Flammable aerosol Category 1 | Extremely flammable aerosol |
| Serious eye damage/eye irritation Category 2 | Causes serious eye irritation |
| Skin sensitization, Category 1 | May cause an allergic skin reaction |
| Carcinogenicity Category 2 | Suspected of causing cancer |
| Specific target organ toxicity (single exposure) Category 3 | May cause drowsiness or dizziness |

### 2.2. GHS Label elements, including precautionary statements

**GHS Labelling**

Hazard pictograms (GHS-US) :

Signal word (GHS-US) : Danger

Hazard statements (GHS-US) : Extremely flammable aerosol
May cause an allergic skin reaction
Causes serious eye irritation
May cause drowsiness or dizziness
Suspected of causing cancer

Precautionary statements (GHS-US) : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Wear eye protection, protective gloves, protective clothing.
If on skin: Wash with plenty of water
IF IN EYES: Rinse first with plenty of water and if necessary take medical advice
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name | Product identifier | % | GHS-US classification |
|---|---|---|---|
| ethyl methyl ketone | (CAS-No.) 78-93-3 | 5 - 23 | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336 |
| methyl acetate | (CAS-No.) 79-20-9 | 5 - 23 | Flam. Liq. 2, H225<br>Eye Irrit. 2A, H319<br>STOT SE 3, H336 |
| xylene | (CAS-No.) 1330-20-7 | < 5 | Flam. Liq. 3, H226<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Inhalation:dust,mist), H332<br>Skin Irrit. 2, H315 |
| ethylbenzene | (CAS-No.) 100-41-4 | < 5 | Flam. Liq. 2, H225<br>Acute Tox. 4 (Inhalation), H332<br>Carc. 2, H351<br>STOT RE 2, H373<br>Asp. Tox. 1, H304 |
| reaction mass of α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-hydroxypoly(oxyethylene) and α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene) | | < 5 | Skin Sens. 1, H317<br>Aquatic Chronic 2, H411 |
| reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate | (CAS-No.) 1065336-91-5 | < 5 | Skin Sens. 1A, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 |

Full text of hazard classes and H-statements : see section 16

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

First-aid measures general : IF exposed or concerned: Get medical advice/attention.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects : May cause drowsiness or dizziness.

Symptoms/effects after skin contact : May cause an allergic skin reaction.

Symptoms/effects after eye contact : Eye irritation.

### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

### 5.2. Specific hazards arising from the chemical

Fire hazard : Extremely flammable aerosol.

Explosion hazard : Pressurized container: may burst if heated.

Reactivity : Extremely flammable aerosol. Pressurized container: may burst if heated.

### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product. Notify authorities if product enters sewers or public waters.

Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing spray, vapors, fume. Avoid contact with skin and eyes.

Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| **ethyl methyl ketone (78-93-3)** | | |
|---|---|---|
| ACGIH | Local name | Methyl ethyl ketone (MEK) |
| ACGIH | ACGIH TWA (ppm) | 200 ppm |
| ACGIH | ACGIH STEL (ppm) | 300 ppm |
| ACGIH | Remark (ACGIH) | URT irr; CNS & PNS impair |
| ACGIH | Regulatory reference | ACGIH 2018 |
| OSHA | OSHA PEL (TWA) (mg/m³) | 590 mg/m³ |
| OSHA | OSHA PEL (TWA) (ppm) | 200 ppm |
| OSHA | Regulatory reference (US-OSHA) | OSHA |

| **reaction mass of α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-hydroxypoly(oxyethylene) and α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene)** |
|---|
| Not applicable |

| **reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate (1065336-91-5)** |
|---|
| Not applicable |

| **ethylbenzene (100-41-4)** | | |
|---|---|---|
| ACGIH | Local name | Ethyl benzene |
| ACGIH | ACGIH TWA (ppm) | 20 ppm |
| ACGIH | Remark (ACGIH) | URT irr; kidney dam (nephropathy) |
| ACGIH | Regulatory reference | ACGIH 2018 |
| OSHA | OSHA PEL (TWA) (mg/m³) | 435 mg/m³ |
| OSHA | OSHA PEL (TWA) (ppm) | 100 ppm |
| OSHA | Regulatory reference (US-OSHA) | OSHA |

| xylene (1330-20-7) | | |
|---|---|---|
| ACGIH | Local name | Xylene |
| ACGIH | ACGIH TWA (ppm) | 100 ppm |
| ACGIH | ACGIH STEL (ppm) | 150 ppm |
| ACGIH | Remark (ACGIH) | URT & eye irr; CNS impair |
| ACGIH | Regulatory reference | ACGIH 2018 |
| OSHA | OSHA PEL (TWA) (mg/m³) | 435 mg/m³ |
| OSHA | OSHA PEL (TWA) (ppm) | 100 ppm |
| OSHA | Regulatory reference (US-OSHA) | OSHA |

| methyl acetate (79-20-9) | | |
|---|---|---|
| ACGIH | Local name | Methyl acetate |
| ACGIH | ACGIH TWA (ppm) | 200 ppm |
| ACGIH | ACGIH STEL (ppm) | 250 ppm |
| ACGIH | Remark (ACGIH) | eye & URT irr |
| ACGIH | Regulatory reference | ACGIH 2018 |
| OSHA | OSHA PEL (TWA) (mg/m³) | 610 mg/m³ |
| OSHA | OSHA PEL (TWA) (ppm) | 200 ppm |
| OSHA | Regulatory reference (US-OSHA) | OSHA |

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

**Hand protection:**

Protective gloves

**Eye protection:**

Safety glasses

**Skin and body protection:**

Wear suitable protective clothing

**Respiratory protection:**

In case of insufficient ventilation, wear suitable respiratory equipment

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Liquid

Color : Green

Odor : characteristic

Odor threshold : No data available

pH : No data available

Melting point : Not applicable

Freezing point : No data available

Boiling point : No data available

Flash point : ≈ -41 °C

Relative evaporation rate (butyl acetate=1) : No data available

Flammability (solid, gas) : Extremely flammable aerosol.

Vapor pressure : No data available

| | | |
|---|---|---|
| Relative vapor density at 20 °C | : | No data available |
| Relative density | : | No data available |
| Specific gravity / density | : | 0.821 g/cm³ |
| Solubility | : | No data available |
| Log Pow | : | No data available |
| Auto-ignition temperature | : | No data available |
| Decomposition temperature | : | No data available |
| Viscosity, kinematic | : | No data available |
| Viscosity, dynamic | : | No data available |
| Explosion limits | : | No data available |
| Explosive properties | : | Pressurized container: may burst if heated. |
| Oxidizing properties | : | No data available |

### 9.2. Other information

| | | |
|---|---|---|
| VOC content | : | 673 g/l |
| MIR | : | 0.95 |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Extremely flammable aerosol. Pressurized container: may burst if heated.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

| ethyl methyl ketone (78-93-3) | |
|---|---|
| LD50 oral rat | 2193 mg/kg body weight (Equivalent or similar to OECD 423, Rat, Male/female, Read-across) |
| LD50 dermal rabbit | > 10 ml/kg (Equivalent or similar to OECD 402, 24 h, Rabbit, Male, Experimental value) |
| ATE US (oral) | 2193 mg/kg body weight |

| ethylbenzene (100-41-4) | |
|---|---|
| LD50 oral rat | 3500 mg/kg (Rat, Male/female, Experimental value) |
| LD50 dermal rabbit | 15432 mg/kg body weight (24 h, Rabbit, Male, Experimental value) |
| LC50 inhalation rat (mg/l) | 17.8 mg/l (4 h, Rat, Male, Experimental value) |
| ATE US (oral) | 3500 mg/kg body weight |
| ATE US (dermal) | 15432 mg/kg body weight |
| ATE US (gases) | 4500 ppmV/4h |
| ATE US (vapors) | 17.8 mg/l/4h |
| ATE US (dust, mist) | 1.5 mg/l/4h |

| xylene (1330-20-7) | |
|---|---|
| LD50 oral rat | 3523 mg/kg body weight (Equivalent or similar to EU Method B.1: Acute Toxicity (Oral), Rat, Male, Experimental value) |
| ATE US (oral) | 3523 mg/kg body weight |
| ATE US (dermal) | 1100 mg/kg body weight |
| ATE US (dust, mist) | 1.5 mg/l/4h |

| methyl acetate (79-20-9) | |
|---|---|
| LD50 oral rat | 6482 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male, Experimental value) |
| LD50 dermal rat | > 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male/female, Experimental value) |
| ATE US (oral) | 6482 mg/kg body weight |

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitization : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Suspected of causing cancer.

| ethylbenzene (100-41-4) | |
|---|---|
| IARC group | 2B - Possibly carcinogenic to humans |

| xylene (1330-20-7) | |
|---|---|
| IARC group | 3 - Not classifiable |

Reproductive toxicity : Not classified

Specific target organ toxicity – single exposure : May cause drowsiness or dizziness.

Specific target organ toxicity – repeated exposure : Not classified

Aspiration hazard : Not classified

Symptoms/effects : May cause drowsiness or dizziness.

Symptoms/effects after skin contact : May cause an allergic skin reaction.

Symptoms/effects after eye contact : Eye irritation.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

| ethyl methyl ketone (78-93-3) | |
|---|---|
| LC50 fish 1 | 2993 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Pimephales promelas, Static system, Fresh water, Experimental value) |
| EC50 Daphnia 1 | 308 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value) |
| ErC50 (algae) | 1972 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value) |

| reaction mass of α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-hydroxypoly(oxyethylene) and α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene) | |
|---|---|
| LC50 fish 1 | 2.8 mg/l (96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value) |
| EC50 Daphnia 1 | 4 mg/l (48 h, Daphnia magna, Static system, Fresh water, Experimental value) |
| ErC50 (algae) | > 100 mg/l (72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value) |

| ethylbenzene (100-41-4) | |
|---|---|
| LC50 fish 1 | 4.2 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Salmo gairdneri, Semi-static system, Fresh water, Experimental value) |
| EC50 Daphnia 1 | 1.8 - 2.4 mg/l (US EPA, 48 h, Daphnia magna, Static system, Fresh water, Experimental value) |

| xylene (1330-20-7) | |
|---|---|
| LC50 fish 1 | 2.6 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Read-across) |
| EC50 Daphnia 1 | 3.82 mg/l (48 h, Daphnia magna, Flow-through system, Fresh water, Read-across) |

| methyl acetate (79-20-9) | |
|---|---|
| LC50 fish 1 | 250 - 350 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Brachydanio rerio, Static system, Fresh water, Experimental value) |
| EC50 Daphnia 1 | 1026.7 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value) |

### 12.2. Persistence and degradability

| ethyl methyl ketone (78-93-3) | |
|---|---|
| Persistence and degradability | Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. Readily biodegradable in water. |
| Biochemical oxygen demand (BOD) | 2.03 g $O_2$/g substance |
| Chemical oxygen demand (COD) | 2.31 g $O_2$/g substance |
| ThOD | 2.44 g $O_2$/g substance |

| ethylbenzene (100-41-4) | |
|---|---|
| Persistence and degradability | Biodegradable in the soil. Readily biodegradable in water. |
| Biochemical oxygen demand (BOD) | 1.44 g $O_2$/g substance (20d.) |
| Chemical oxygen demand (COD) | 2.1 g $O_2$/g substance |
| ThOD | 3.17 g $O_2$/g substance |

| xylene (1330-20-7) | |
|---|---|
| Persistence and degradability | Biodegradable in the soil. Readily biodegradable in water. |

| methyl acetate (79-20-9) | |
|---|---|
| Persistence and degradability | Readily biodegradable in water. Inherently biodegradable. |

### 12.3. Bioaccumulative potential

| ethyl methyl ketone (78-93-3) | |
|---|---|
| Log Pow | 0.3 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 40 °C) |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |

| reaction mass of α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-hydroxypoly(oxyethylene) and α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene) | |
|---|---|
| BCF fish 1 | 2658 - 3430 (502 h, Oncorhynchus mykiss, Flow-through system, Fresh water, Experimental value) |
| Log Pow | 4.6 (Experimental value, Equivalent or similar to OECD 117, 25 °C) |

| ethylbenzene (100-41-4) | |
|---|---|
| BCF fish 1 | 1 - 2.4 (Other, 6 week(s), Oncorhynchus kisutch, Flow-through system, Salt water, Experimental value) |
| Log Pow | 3.6 (Experimental value, EU Method A.8: Partition Coefficient, 20 °C) |
| Bioaccumulative potential | Low potential for bioaccumulation (BCF < 500). |

| xylene (1330-20-7) | |
|---|---|
| BCF fish 1 | 7 - 26 (8 week(s), Oncorhynchus mykiss, Flow-through system, Fresh water, Experimental value) |
| Log Pow | 3.2 (Conclusion by analogy, 20 °C) |
| Bioaccumulative potential | Low potential for bioaccumulation (BCF < 500). |

| methyl acetate (79-20-9) | |
|---|---|
| BCF fish 1 | < 1 (Pisces, Literature study) |
| Log Pow | 0.37 (Calculated, KOWWIN, 25 °C) |
| Bioaccumulative potential | Low potential for bioaccumulation (BCF < 500). |

### 12.4. Mobility in soil

| ethyl methyl ketone (78-93-3) | |
|---|---|
| Surface tension | 0.024 N/m (20 °C) |
| Log Koc | 1.53 (log Koc, Calculated value) |
| Ecology - soil | Highly mobile in soil. Slightly harmful to plants. |

| ethylbenzene (100-41-4) | |
|---|---|
| Surface tension | 0.071 N/m (23 °C, 0.0582 g/l) |
| Log Koc | 2.71 (log Koc, PCKOCWIN v1.66, QSAR) |
| Ecology - soil | Low potential for adsorption in soil. Toxic to soil organisms. |

| xylene (1330-20-7) | |
|---|---|
| Surface tension | 28.01 - 29.76 mN/m (25 °C) |
| Ecology - soil | No (test)data on mobility of the substance available. May be harmful to plant growth, blooming and fruit formation. |

| methyl acetate (79-20-9) | |
|---|---|
| Surface tension | 0.024 N/m (20 °C) |
| Log Koc | 0.18 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP) |
| Ecology - soil | Highly mobile in soil. |

### 12.5. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

### Department of Transportation (DOT)

In accordance with DOT

Transport document description : UN1950 Aerosols, 2.1
UN-No.(DOT) : UN1950
Proper Shipping Name (DOT) : Aerosols
Class (DOT) : 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115
Hazard labels (DOT) : 2.1 - Flammable gas


DOT Packaging Non Bulk (49 CFR 173.xxx) : None
DOT Packaging Bulk (49 CFR 173.xxx) : None
DOT Special Provisions (49 CFR 172.102) : N82 - See 173.306 of this subchapter for classification criteria for flammable aerosols.
DOT Packaging Exceptions (49 CFR 173.xxx) : 306
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 75 kg
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 150 kg
DOT Vessel Stowage Location : A - The material may be stowed ''on deck'' or ''under deck'' on a cargo vessel and on a passenger vessel.
DOT Vessel Stowage Other : 25 - Shade from radiant heat,87 - Stow ''separated from'' Class 1 (explosives) except Division 14,126 - Segregation same as for Class 9, miscellaneous hazardous materials
Emergency Response Guide (ERG) Number : 126
Other information : No supplementary information available.

### Transportation of Dangerous Goods

Transport document description : UN1950 AEROSOLS (flammable), 2.1
UN-No. (TDG) : UN1950

| | | |
|---|---|---|
| Proper Shipping Name (Transportation of Dangerous Goods) | : | AEROSOLS |
| TDG Primary Hazard Classes | : | 2.1 - Class 2.1 - Flammable Gas. |
| TDG Special Provisions | : | 80 - Despite section 1.17 of Part 1, Coming into Force, Repeal, Interpretation, General Provisions and Special Cases, a person must not offer for transport or transport these dangerous goods unless they are in a means of containment that is in compliance with section 5.11 of Part 5, Means of Containment, except that the requirement for aerosol containers to be tightly packed in a wood, fibreboard or plastic box does not apply to a user or purchaser who transports no more than six aerosol containers. For a similar rule respecting aerosol containers, see subparagraph 1.15(1)(a)(i) of Part 1, Coming into Force, Repeal, Interpretation, General Provisions and Special Cases. SOR/2012-245,107 - (1)These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2, (Classification), do not apply to the handling, offering for transport or transporting of UN1950, AEROSOLS, and UN2037, GAS CARTRIDGES, that contain dangerous goods included in Class 2.1 or Class 2.2 and that are transported on a road vehicle, a railway vehicle or a ship on a domestic voyage, if the aerosols or gas cartridges have a capacity less than or equal to 50 mL. (2)Subsection (1) does not apply to self-defence spray. SOR/2014-306 |
| Explosive Limit and Limited Quantity Index | : | 1 L |
| Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index | : | 75 L |

### Transport by sea

| | | |
|---|---|---|
| Transport document description (IMDG) | : | UN 1950 AEROSOLS, 2.1 |
| UN-No. (IMDG) | : | 1950 |
| Proper Shipping Name (IMDG) | : | AEROSOLS |
| Class (IMDG) | : | 2 - Gases |

### Air transport

| | | |
|---|---|---|
| Transport document description (IATA) | : | UN 1950 Aerosols, flammable, 2.1 |
| UN-No. (IATA) | : | 1950 |
| Proper Shipping Name (IATA) | : | Aerosols, flammable |
| Class (IATA) | : | 2 |

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

| **ethyl methyl ketone (78-93-3)** | |
|---|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory<br>Not subject to reporting requirements of the United States SARA Section 313 | |
| Listed on EPA Hazardous Air Pollutant (HAPS) | |
| CERCLA RQ | 5000 lb |

| **reaction mass of α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-hydroxypoly(**oxyethylene) and α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene) |
|---|
| Not listed on the United States TSCA (Toxic Substances Control Act) inventory |

| **reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl** 1,2,2,6,6-pentamethyl-4-piperidyl sebacate **(1065336-91-5)** |
|---|
| Not listed on the United States TSCA (Toxic Substances Control Act) inventory |

| **ethylbenzene (100-41-4)** | |
|---|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory<br>Subject to reporting requirements of United States SARA Section 313 | |
| Listed on EPA Hazardous Air Pollutant (HAPS) | |
| CERCLA RQ | 1000 lb |

| **xylene (1330-20-7)** | |
|---|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory<br>Subject to reporting requirements of United States SARA Section 313 | |
| Listed on EPA Hazardous Air Pollutant (HAPS) | |
| CERCLA RQ | 100 lb |

| **methyl acetate (79-20-9)** |
|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |

### 15.2. International regulations

#### CANADA

| **ethyl methyl ketone (78-93-3)** |
|---|
| Listed on the Canadian DSL (Domestic Substances List) |

| **reaction mass of α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-hydroxypoly(**oxyethylene) and α-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-ω-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene) |
|---|
| Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List) |

| **reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl** 1,2,2,6,6-pentamethyl-4-piperidyl sebacate **(1065336-91-5)** |
|---|
| Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List) |

| **ethylbenzene (100-41-4)** |
|---|
| Listed on the Canadian DSL (Domestic Substances List) |

| **xylene (1330-20-7)** |
|---|
| Listed on the Canadian DSL (Domestic Substances List) |

| **methyl acetate (79-20-9)** |
|---|
| Listed on the Canadian DSL (Domestic Substances List) |

#### EU-Regulations

No additional information available

#### National regulations

| **ethyl methyl ketone (78-93-3)** |
|---|
| Listed on EPA Hazardous Air Pollutant (HAPS) |

| **ethylbenzene (100-41-4)** |
|---|
| Listed on IARC (International Agency for Research on Cancer)<br>Listed on EPA Hazardous Air Pollutant (HAPS) |

| **xylene (1330-20-7)** |
|---|
| Listed on EPA Hazardous Air Pollutant (HAPS) |

### 15.3. US State regulations

| **ethylbenzene (100-41-4)** | | | | | |
|---|---|---|---|---|---|
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | No significant risk level (NSRL) | Maximum allowable dose level (MADL) |
| Yes | No | No | No | 54 µg/day | |

## SECTION 16: Other information

Revision date : 06/27/2018

Full text of H-phrases:

| | |
|---|---|
| H225 | Highly flammable liquid and vapor |
| H226 | Flammable liquid and vapor |
| H304 | May be fatal if swallowed and enters airways |
| H312 | Harmful in contact with skin |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H319 | Causes serious eye irritation |
| H332 | Harmful if inhaled |
| H336 | May cause drowsiness or dizziness |
| H351 | Suspected of causing cancer |
| H373 | May cause damage to organs through prolonged or repeated exposure |
| H400 | Very toxic to aquatic life |
| H410 | Very toxic to aquatic life with long lasting effects |
| H411 | Toxic to aquatic life with long lasting effects |

Indication of changes:

| Section | Changed item | Change | Comments |
|---|---|---|---|
| | Supersedes | Added | |
| | Revision date | Added | |

SDS US GHS (GHS HazCom2012) - U-POL

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*