



Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the New Zealand, Hazardous Substances (Safety Data Sheets) Notice 2017.

SECTION 1: Identification

1.1. Product identifier

3M™ Rocker Protector Pouch, PN08733, 08734

Product Identification Numbers

60-4550-6975-1 60-4551-0280-0

1.2. Recommended use and restrictions on use

Recommended use

Automotive. Anti-Chip Coating

For Industrial or Professional use only

1.3. Supplier's details

Address: 3M New Zealand Ltd, 94 Apollo Drive, Rosedale 0632, Auckland
Telephone: (09) 477 4040
E Mail: innovation@nz.mmm.com
Website: 3m.co.nz

1.4. Emergency telephone number

24 hr Medical Emergency, National Poisons Centre, 0800 764 766 (0800 POISON)

SECTION 2: Hazard identification

Classified as hazardous in accordance with the relevant criteria of the HSNO Act 1996, the Hazardous Substances (Classification) Notice 2017 and Hazardous Substances (Minimum Degrees of Hazard) Notice 2017. Refer to Section 14 of this Safety Data Sheet for product Dangerous Goods Classification.

2.1. Classification of the substance or mixture

| GHS | HSNO |
|---|----------------------------------|
| Flammable Liquid: Category 2 | 3.1B Flammable Liquid |
| Acute Toxicity (inhalation): Category 5 | 6.1E Acute toxicity (inhalation) |
| Serious Eye Damage/Irritation: Category 2 | 6.4A Irritating to the eye |
| Skin Corrosion/Irritation: Category 2 | 6.3A Irritating to the skin |

| | |
|--|---|
| Reproductive Toxicity: Category 1B | 6.8A Known/presumed human reproductive/developmental toxicant |
| Carcinogenicity: Category 1 | 6.7A Known/presumed human carcinogen |
| Specific Target Organ Toxicity (single exposure): Category 1 | 6.9A Toxic to human target organs/systems |
| Specific Target Organ Toxicity (repeated exposure): Category 1 | 6.9A Toxic to human target organs/systems |
| Specific Target Organ Toxicity (single exposure): Category 3 | 6.9B Narcotic effects |
| Acute Aquatic Toxicity: Category 2 | 9.1D Aquatic toxicity (acute) |
| Chronic Aquatic Toxicity: Category 3 | 9.1C Aquatic toxicity (chronic) |
| No GHS Equivalent | 9.3C Terrestrial vertebrate toxicity |

2.2. Label elements

SIGNAL WORD

DANGER!

Symbols:

Flame | Exclamation mark | Health Hazard |

Pictograms



HAZARD STATEMENTS:

| | |
|------|---|
| H225 | Highly flammable liquid and vapour. |
| H333 | May be harmful if inhaled. |
| H320 | Causes eye irritation. |
| H315 | Causes skin irritation. |
| H360 | May damage fertility or the unborn child. |
| H350 | May cause cancer. |
| H336 | May cause drowsiness or dizziness. |
| H370 | Causes damage to organs: sensory organs |
| H372 | Causes damage to organs through prolonged or repeated exposure: nervous system respiratory system sensory organs |
| H401 | Toxic to aquatic life. |
| H412 | Harmful to aquatic life with long lasting effects. |
| H433 | Harmful to terrestrial vertebrates. |

PRECAUTIONARY STATEMENTS

Prevention:

| | |
|------|---|
| P201 | Obtain special instructions before use. |
| P202 | Do not handle until all safety precautions have been read and understood. |

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| | |
|-------|--|
| P210A | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P240B | Ground and bond container and receiving equipment. |
| P242A | Use non-sparking tools. |
| P233 | Keep container tightly closed. |
| P243A | Take action to prevent static discharges. |
| P241 | Use explosion-proof electrical/ventilating/lighting equipment. |
| P260 | Do not breathe dust/fume/gas/mist/vapours/spray. |
| P261 | Avoid breathing dust/fume/gas/mist/vapours/spray. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P280B | Wear protective gloves and eye/face protection. |
| P280E | Wear protective gloves. |
| P270 | Do not eat, drink or smoke when using this product. |
| P273 | Avoid release to the environment. |
| P264B | Wash exposed skin thoroughly after handling. |

Response:

| | |
|---------------------|--|
| P304 + P312 | IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell. |
| P304 + P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P337 + P313 | If eye irritation persists: Get medical advice/attention. |
| P302 + P352 | IF ON SKIN: Wash with plenty of soap and water. |
| P332 + P313 | If skin irritation occurs: Get medical advice/attention. |
| P362 + P364 | Take off contaminated clothing and wash it before reuse. |
| P308 + P313 | IF exposed or concerned: Get medical advice/attention. |
| P321 | Specific treatment (see Notes to Physician on this label). |
| P312 | Call a POISON CENTRE or doctor/physician if you feel unwell. |
| P314 | Get medical advice/attention if you feel unwell. |
| P370 + P378G | In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish. |
| P303 + P361 + P353A | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. |
| P308 + P311 | IF exposed or concerned: Call a POISON CENTER or doctor/physician. |

Storage:

| | |
|-------------|--|
| P403 + P233 | Store in a well-ventilated place. Keep container tightly closed. |
| P403 + P235 | Store in a well-ventilated place. Keep cool. |
| P405 | Store locked up. |

Disposal:

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

SECTION 3: Composition/information on ingredients

| Ingredient | CAS Nbr | % by Weight |
|---|------------|-------------|
| Toluene | 108-88-3 | 40 - 60 |
| Coumarone-Indene Resins | 63393-89-5 | 5 - 10 |
| Kaolin | 1332-58-7 | 5 - 10 |
| Styrene-Butadiene Polymer | 9003-55-8 | 5 - 10 |
| Xylene | 1330-20-7 | 5 - 10 |
| Limestone | 1317-65-3 | 1 - 7 |
| Butadiene-Styrene-Meta-Divinylbenzene Polymer | 26471-45-4 | 1 - 5 |
| Ethylbenzene | 100-41-4 | < 5 |

| | | |
|---|-------------|---------|
| Formaldehyde, Polymer With 4-(1,1-Dimethylethyl)Phenol, Magnesium Oxide Complex | 68037-42-3 | 1 - 5 |
| Quaternary ammonium Compounds, Bis(hydrogenated tallow alkyl)dimethyl, salts with Montmorillonite | 68911-87-5 | 1 - 5 |
| Synthetic amorphous silica, fumed, crystalline-free | 112945-52-5 | 1 - 5 |
| Quartz | 14808-60-7 | 0.1 - 1 |
| Titanium dioxide | 13463-67-7 | 0.1 - 1 |

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Remove person to fresh air. If you feel unwell, get medical attention.

Skin contact

Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop, get medical attention.

Eye contact

Immediately flush with large amounts of water for at least 15 minutes. Remove contact lenses if easy to do. Continue rinsing. Immediately get medical attention.

A product risk assessment is recommended to determine if eye wash facilities may be required when using this product in the workplace.

If swallowed

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

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

See Section 11.1 Information on toxicological effects

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

Not applicable

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.

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. Special protective actions 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.

5.4. Hazchem code: -3YE

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 vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapors 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. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. 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. Clean up residue with an appropriate solvent selected by a qualified and authorised person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and Safety Data Sheet. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

SECTION 7: Handling and storage

Refer to Section 15 - Controls for more information

7.1. Precautions for safe handling

Do not use in a confined area with minimal air exchange. Keep out of reach of children. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Take precautionary measures against static discharge. 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 release to the environment. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.) Wear low static or properly grounded shoes. Use personal protective equipment (eg. gloves, respirators...) as required. To minimize the risk of ignition, determine applicable electrical classifications for the process using this product and select specific local exhaust ventilation equipment to avoid flammable vapor accumulation. Ground/bond container and receiving equipment if there is potential for static electricity accumulation during transfer.

7.2. Conditions for safe storage including any incompatibilities

Store in a well-ventilated place. Keep cool. Keep container tightly closed. Protect from sunlight. Store away from heat. Store away from acids. Store away from oxidising agents. Store away from areas where product may come into contact with food or pharmaceuticals. Store in a dry place.

7.3. Certified handler

Not required

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 |
|---|------------|-----------------|---|------------------------------------|
| Ethylbenzene | 100-41-4 | ACGIH | TWA:20 ppm | A3: Confirmed animal carcinogen. |
| Ethylbenzene | 100-41-4 | New Zealand WES | TWA(8 hours):434 mg/m3(100 ppm);STEL(15 minutes):543 mg/m3(125 ppm) | |
| Toluene | 108-88-3 | ACGIH | TWA:20 ppm | A4: Not class. as human carcinogen |
| Toluene | 108-88-3 | New Zealand WES | TWA(8 hours): 188 mg/m3 (50 ppm) | Skin |
| Xylene | 1330-20-7 | ACGIH | TWA:100 ppm;STEL:150 ppm | A4: Not class. as human carcinogen |
| Xylene | 1330-20-7 | New Zealand WES | TWA(8 hours):217 mg/m3(50 ppm) | |
| Kaolin | 1332-58-7 | ACGIH | TWA(respirable fraction):2 mg/m3 | A4: Not class. as human carcinogen |
| Kaolin | 1332-58-7 | New Zealand WES | TWA(as inhalable dust)(8 hours):10 mg/m3;TWA(as respirable dust)(8 hours):2 mg/m3 | |
| Titanium dioxide | 13463-67-7 | ACGIH | TWA:10 mg/m ³ | A4: Not class. as human carcinogen |
| Titanium dioxide | 13463-67-7 | New Zealand WES | TWA(8 hours):10 mg/m3 | |
| Quartz | 14808-60-7 | ACGIH | TWA(respirable fraction):0.025 mg/m3 | A2: Suspected human carcin. |
| Silica, crystalline (airborne particles of respirable size) | 14808-60-7 | New Zealand WES | TWA(as respirable dust)(8 hours): 0.1 mg/m3 | Class-subclass 6.7, carc HCA |

ACGIH : American Conference of Governmental Industrial Hygienists
 AIHA : American Industrial Hygiene Association
 CMRG : Chemical Manufacturer's Recommended Guidelines
 New Zealand WES : New Zealand Workplace Exposure Standards.
 TWA: Time-Weighted-Average
 STEL: Short Term Exposure Limit
 ppm: parts per million
 mg/m³: milligrams per cubic metre
 CEIL: Ceiling

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. Use explosion-proof ventilation 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:

Indirect vented goggles.

Refer AS/NZS 1336 - Recommended practices for occupational eye protection and for performance specifications AS/NZS 1337, Parts 1 - 6 - Personal eye-protection.

Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the

results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity. Gloves made from the following material(s) are recommended: Fluoroelastomer
Polymer laminate

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 vapors and particulates

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

Refer AS/NZS 1715 - Selection, use and maintenance of respiratory protective equipment and AS/NZS 1716 - Respiratory protective devices.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|---|
| Physical state | Liquid. |
| Appearance/Odour | Off-White Liquid, Solvent Odour |
| Odour threshold | No data available. |
| pH | Not applicable. |
| Melting point/Freezing point | Not applicable. |
| Boiling point/Initial boiling point/Boiling range | >=112.2 °C |
| Flash point | 2.2 °C [Test Method:Pensky-Martens Closed Cup] |
| Evaporation rate | No data available. |
| Flammability (solid, gas) | Not applicable. |
| Flammable Limits(LEL) | 1 % |
| Flammable Limits(UEL) | 7.1 % |
| Vapour pressure | <=2,933.1 Pa [@ 20 °C] |
| Vapour density | No data available. |
| Density | 0.98 - 1.02 g/ml |
| Relative density | 0.98 - 1.02 [Ref Std:WATER=1] |
| Water solubility | Not applicable. |
| Solubility- non-water | Not applicable. |
| Partition coefficient: n-octanol/water | No data available. |
| Autoignition temperature | No data available. |
| Decomposition temperature | No data available. |
| Viscosity | 3,000 - 3,500 mPa-s |
| Molecular weight | No data available. |
| Volatile organic compounds (VOC) | 548 g/l [Test Method:calculated SCAQMD rule 443.1] |
| Volatile organic compounds (VOC) | 60.6 % weight [Test Method:calculated per CARB title 2] |
| Percent volatile | 60.9 % weight |
| VOC less H2O & exempt solvents | 548 g/l [Test Method:calculated SCAQMD rule 443.1] |

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

Heat.

Sparks and/or flames.

10.5 Incompatible materials

Strong acids.

Strong oxidising agents.

10.6 Hazardous decomposition products

| <u>Substance</u> | <u>Condition</u> |
|------------------|------------------|
| None known. | |

Refer to Section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labelling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

11.1 Information on Toxicological effects

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 be harmful if inhaled. Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. May cause additional health effects (see below).

Skin contact

Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, dryness, cracking, blistering, and pain.

Eye contact

Moderate eye irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Ingestion

Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea. May cause additional health effects (see below).

Additional Health Effects:

Single exposure may cause target organ effects:

Auditory effects: Signs/symptoms may include hearing impairment, balance dysfunction and ringing in the ears. Central nervous system (CNS) depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

Prolonged or repeated exposure may cause target organ effects:

Pneumoconiosis: Sign/symptoms may include persistent cough, breathlessness, chest pain, increased amounts of sputum, and changes in lung function tests. Ocular effects: Signs/symptoms may include blurred or significantly impaired vision. Auditory effects: Signs/symptoms may include hearing impairment, balance dysfunction and ringing in the ears. Olfactory effects: Signs/symptoms may include decreased ability to detect odours and complete loss of smell. Neurological effects: Signs/symptoms may include personality changes, lack of coordination, sensory loss, tingling or numbness of the extremities, weakness, tremors, and changes in blood pressure and heart rate.

Reproductive/Developmental Toxicity:

Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

Carcinogenicity:

Contains a chemical or chemicals which can cause cancer.

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 | Dermal | | No data available; calculated ATE >5,000 mg/kg |
| Overall product | Inhalation-Vapor(4 hr) | | No data available; calculated ATE20 - 50 mg/l |
| Overall product | Ingestion | | No data available; calculated ATE >5,000 mg/kg |
| Toluene | Dermal | Rat | LD50 12,000 mg/kg |
| Toluene | Inhalation-Vapor (4 hours) | Rat | LC50 30 mg/l |
| Toluene | Ingestion | Rat | LD50 5,550 mg/kg |
| Xylene | Dermal | Rabbit | LD50 > 4,200 mg/kg |
| Xylene | Inhalation-Vapor (4 hours) | Rat | LC50 29 mg/l |
| Xylene | Ingestion | Rat | LD50 3,523 mg/kg |
| Coumarone-Indene Resins | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| Coumarone-Indene Resins | Ingestion | Rat | LD50 > 16,000 mg/kg |
| Kaolin | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| Kaolin | Ingestion | Human | LD50 > 15,000 mg/kg |
| Styrene-Butadiene Polymer | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| Styrene-Butadiene Polymer | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Limestone | Dermal | Rat | LD50 > 2,000 mg/kg |
| Limestone | Inhalation-Dust/Mist (4 hours) | Rat | LC50 3 mg/l |
| Limestone | Ingestion | Rat | LD50 6,450 mg/kg |
| Formaldehyde, Polymer With 4-(1,1-Dimethylethyl)Phenol, Magnesium Oxide Complex | Dermal | | LD50 estimated to be 2,000 - 5,000 mg/kg |
| Formaldehyde, Polymer With 4-(1,1-Dimethylethyl)Phenol, Magnesium Oxide Complex | Ingestion | | LD50 estimated to be 2,000 - 5,000 mg/kg |
| Ethylbenzene | Dermal | Rabbit | LD50 15,433 mg/kg |
| Ethylbenzene | Inhalation-Vapor (4 hours) | Rat | LC50 17.4 mg/l |
| Ethylbenzene | Ingestion | Rat | LD50 4,769 mg/kg |
| Butadiene-Styrene-Meta-Divinylbenzene Polymer | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| Butadiene-Styrene-Meta-Divinylbenzene Polymer | Ingestion | | LD50 estimated to be 2,000 - 5,000 mg/kg |
| Synthetic amorphous silica, fumed, crystalline-free | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| Synthetic amorphous silica, fumed, crystalline-free | Inhalation-Dust/Mist | Rat | LC50 > 0.691 mg/l |

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|---|--------------------------------|---------------|------------------------------------|
| | (4 hours) | | |
| Synthetic amorphous silica, fumed, crystalline-free | Ingestion | Rat | LD50 > 5,110 mg/kg |
| Quaternary ammonium Compounds, Bis(hydrogenated tallow alkyl)dimethyl, salts with Montmorillonite | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| Quaternary ammonium Compounds, Bis(hydrogenated tallow alkyl)dimethyl, salts with Montmorillonite | Inhalation-Dust/Mist (4 hours) | Not available | LC50 > 5 mg/l |
| Quaternary ammonium Compounds, Bis(hydrogenated tallow alkyl)dimethyl, salts with Montmorillonite | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Titanium dioxide | Dermal | Rabbit | LD50 > 10,000 mg/kg |
| Titanium dioxide | Inhalation-Dust/Mist (4 hours) | Rat | LC50 > 6.82 mg/l |
| Titanium dioxide | Ingestion | Rat | LD50 > 10,000 mg/kg |
| Quartz | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| Quartz | Ingestion | | LD50 estimated to be > 5,000 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|---|------------------------|---------------------------|
| Toluene | Rabbit | Irritant |
| Xylene | Rabbit | Mild irritant |
| Kaolin | Professional judgement | No significant irritation |
| Styrene-Butadiene Polymer | Professional judgement | No significant irritation |
| Limestone | Rabbit | No significant irritation |
| Ethylbenzene | Rabbit | Mild irritant |
| Butadiene-Styrene-Meta-Divinylbenzene Polymer | Professional judgement | Minimal irritation |
| Synthetic amorphous silica, fumed, crystalline-free | Rabbit | No significant irritation |
| Titanium dioxide | Rabbit | No significant irritation |
| Quartz | Professional judgement | No significant irritation |

Serious Eye Damage/Irritation

| Name | Species | Value |
|---|------------------------|---------------------------|
| Toluene | Rabbit | Moderate irritant |
| Xylene | Rabbit | Mild irritant |
| Kaolin | Professional judgement | No significant irritation |
| Limestone | Rabbit | No significant irritation |
| Ethylbenzene | Rabbit | Moderate irritant |
| Synthetic amorphous silica, fumed, crystalline-free | Rabbit | No significant irritation |
| Titanium dioxide | Rabbit | No significant irritation |

Skin Sensitisation

| Name | Species | Value |
|---------|------------|----------------|
| Toluene | Guinea pig | Not classified |

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| | | |
|---|------------------|----------------|
| Ethylbenzene | Human | Not classified |
| Synthetic amorphous silica, fumed, crystalline-free | Human and animal | Not classified |
| Titanium dioxide | Human and animal | Not classified |

Respiratory Sensitisation

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

Germ Cell Mutagenicity

| Name | Route | Value |
|---|----------|--|
| Toluene | In Vitro | Not mutagenic |
| Toluene | In vivo | Not mutagenic |
| Xylene | In Vitro | Not mutagenic |
| Xylene | In vivo | Not mutagenic |
| Ethylbenzene | In vivo | Not mutagenic |
| Ethylbenzene | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Synthetic amorphous silica, fumed, crystalline-free | In Vitro | Not mutagenic |
| Titanium dioxide | In Vitro | Not mutagenic |
| Titanium dioxide | In vivo | Not mutagenic |
| Quartz | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Quartz | In vivo | Some positive data exist, but the data are not sufficient for classification |

Carcinogenicity

| Name | Route | Species | Value |
|---|----------------|-------------------------|--|
| Toluene | Dermal | Mouse | Some positive data exist, but the data are not sufficient for classification |
| Toluene | Ingestion | Rat | Some positive data exist, but the data are not sufficient for classification |
| Toluene | Inhalation | Mouse | Some positive data exist, but the data are not sufficient for classification |
| Xylene | Dermal | Rat | Not carcinogenic |
| Xylene | Ingestion | Multiple animal species | Not carcinogenic |
| Xylene | Inhalation | Human | Some positive data exist, but the data are not sufficient for classification |
| Kaolin | Inhalation | Multiple animal species | Not carcinogenic |
| Ethylbenzene | Inhalation | Multiple animal species | Carcinogenic. |
| Synthetic amorphous silica, fumed, crystalline-free | Not specified. | Mouse | Some positive data exist, but the data are not sufficient for classification |
| Titanium dioxide | Ingestion | Multiple animal species | Not carcinogenic |
| Titanium dioxide | Inhalation | Rat | Carcinogenic. |
| Quartz | Inhalation | Human and animal | Carcinogenic. |

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

| Name | Route | Value | Species | Test result | Exposure Duration |
|------|-------|-------|---------|-------------|-------------------|
|------|-------|-------|---------|-------------|-------------------|

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| | | | | | |
|---|------------|--|-------------------------|-----------------------|------------------------------|
| Toluene | Inhalation | Not classified for female reproduction | Human | NOAEL Not available | occupational exposure |
| Toluene | Inhalation | Not classified for male reproduction | Rat | NOAEL 2.3 mg/l | 1 generation |
| Toluene | Ingestion | Toxic to development | Rat | LOAEL 520 mg/kg/day | during gestation |
| Toluene | Inhalation | Toxic to development | Human | NOAEL Not available | poisoning and/or abuse |
| Xylene | Inhalation | Not classified for female reproduction | Human | NOAEL Not available | occupational exposure |
| Xylene | Ingestion | Not classified for development | Mouse | NOAEL Not available | during organogenesis |
| Xylene | Inhalation | Not classified for development | Multiple animal species | NOAEL Not available | during gestation |
| Limestone | Ingestion | Not classified for development | Rat | NOAEL 625 mg/kg/day | premating & during gestation |
| Ethylbenzene | Inhalation | Not classified for development | Rat | NOAEL 4.3 mg/l | premating & during gestation |
| Synthetic amorphous silica, fumed, crystalline-free | Ingestion | Not classified for female reproduction | Rat | NOAEL 509 mg/kg/day | 1 generation |
| Synthetic amorphous silica, fumed, crystalline-free | Ingestion | Not classified for male reproduction | Rat | NOAEL 497 mg/kg/day | 1 generation |
| Synthetic amorphous silica, fumed, crystalline-free | Ingestion | Not classified for development | Rat | NOAEL 1,350 mg/kg/day | during organogenesis |

Lactation

| Name | Route | Species | Value |
|--------|-----------|---------|--|
| Xylene | Ingestion | Mouse | Not classified for effects on or via lactation |

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

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|-----------|------------|-----------------------------------|--|-------------------------|---------------------|------------------------|
| Toluene | Inhalation | central nervous system depression | May cause drowsiness or dizziness | Human | NOAEL Not available | |
| Toluene | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | Human | NOAEL Not available | |
| Toluene | Inhalation | immune system | Not classified | Mouse | NOAEL 0.004 mg/l | 3 hours |
| Toluene | Ingestion | central nervous system depression | May cause drowsiness or dizziness | Human | NOAEL Not available | poisoning and/or abuse |
| Xylene | Inhalation | auditory system | Causes damage to organs | Rat | LOAEL 6.3 mg/l | 8 hours |
| Xylene | Inhalation | central nervous system depression | May cause drowsiness or dizziness | Human | NOAEL Not available | |
| Xylene | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | Human | NOAEL Not available | |
| Xylene | Inhalation | eyes | Not classified | Rat | NOAEL 3.5 mg/l | not available |
| Xylene | Inhalation | liver | Not classified | Multiple animal species | NOAEL Not available | |
| Xylene | Ingestion | central nervous system depression | May cause drowsiness or dizziness | Multiple animal species | NOAEL Not available | |
| Xylene | Ingestion | eyes | Not classified | Rat | NOAEL 250 mg/kg | not applicable |
| Limestone | Inhalation | respiratory system | Not classified | Rat | NOAEL | 90 minutes |

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| | | | | | | |
|--------------|------------|-----------------------------------|--|------------------------|---------------------|--|
| | | | | | 0.812 mg/l | |
| Ethylbenzene | Inhalation | central nervous system depression | May cause drowsiness or dizziness | Human | NOAEL Not available | |
| Ethylbenzene | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | Human and animal | NOAEL Not available | |
| Ethylbenzene | Ingestion | central nervous system depression | May cause drowsiness or dizziness | Professional judgement | NOAEL Not available | |

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|---------|------------|---|--|-------------------------|-----------------------|------------------------|
| Toluene | Inhalation | auditory system nervous system eyes olfactory system | Causes damage to organs through prolonged or repeated exposure | Human | NOAEL Not available | poisoning and/or abuse |
| Toluene | Inhalation | respiratory system | Some positive data exist, but the data are not sufficient for classification | Rat | LOAEL 2.3 mg/l | 15 months |
| Toluene | Inhalation | heart liver kidney and/or bladder | Not classified | Rat | NOAEL 11.3 mg/l | 15 weeks |
| Toluene | Inhalation | endocrine system | Not classified | Rat | NOAEL 1.1 mg/l | 4 weeks |
| Toluene | Inhalation | immune system | Not classified | Mouse | NOAEL Not available | 20 days |
| Toluene | Inhalation | bone, teeth, nails, and/or hair | Not classified | Mouse | NOAEL 1.1 mg/l | 8 weeks |
| Toluene | Inhalation | hematopoietic system vascular system | Not classified | Human | NOAEL Not available | occupational exposure |
| Toluene | Inhalation | gastrointestinal tract | Not classified | Multiple animal species | NOAEL 11.3 mg/l | 15 weeks |
| Toluene | Ingestion | nervous system | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 625 mg/kg/day | 13 weeks |
| Toluene | Ingestion | heart | Not classified | Rat | NOAEL 2,500 mg/kg/day | 13 weeks |
| Toluene | Ingestion | liver kidney and/or bladder | Not classified | Multiple animal species | NOAEL 2,500 mg/kg/day | 13 weeks |
| Toluene | Ingestion | hematopoietic system | Not classified | Mouse | NOAEL 600 mg/kg/day | 14 days |
| Toluene | Ingestion | endocrine system | Not classified | Mouse | NOAEL 105 mg/kg/day | 28 days |
| Toluene | Ingestion | immune system | Not classified | Mouse | NOAEL 105 mg/kg/day | 4 weeks |
| Xylene | Inhalation | nervous system | Causes damage to organs through prolonged or repeated exposure | Rat | LOAEL 0.4 mg/l | 4 weeks |
| Xylene | Inhalation | auditory system | May cause damage to organs though prolonged or repeated exposure | Rat | LOAEL 7.8 mg/l | 5 days |
| Xylene | Inhalation | liver | Not classified | Multiple animal species | NOAEL Not available | |
| Xylene | Inhalation | heart endocrine system gastrointestinal tract hematopoietic system muscles kidney and/or bladder respiratory system | Not classified | Multiple animal species | NOAEL 3.5 mg/l | 13 weeks |
| Xylene | Ingestion | auditory system | Not classified | Rat | NOAEL 900 | 2 weeks |

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| | | | | | | |
|---|------------|--|--|-------------------------|-----------------------|-----------------------|
| | | | | | mg/kg/day | |
| Xylene | Ingestion | kidney and/or bladder | Not classified | Rat | NOAEL 1,500 mg/kg/day | 90 days |
| Xylene | Ingestion | liver | Not classified | Multiple animal species | NOAEL Not available | |
| Xylene | Ingestion | heart skin endocrine system bone, teeth, nails, and/or hair hematopoietic system immune system nervous system respiratory system | Not classified | Mouse | NOAEL 1,000 mg/kg/day | 103 weeks |
| Kaolin | Inhalation | pneumoconiosis | Causes damage to organs through prolonged or repeated exposure | Human | NOAEL NA | occupational exposure |
| Kaolin | Inhalation | pulmonary fibrosis | Not classified | Rat | NOAEL Not available | |
| Limestone | Inhalation | respiratory system | Not classified | Human | NOAEL Not available | occupational exposure |
| Ethylbenzene | Inhalation | kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 1.1 mg/l | 2 years |
| Ethylbenzene | Inhalation | liver | Some positive data exist, but the data are not sufficient for classification | Mouse | NOAEL 1.1 mg/l | 103 weeks |
| Ethylbenzene | Inhalation | hematopoietic system | Not classified | Rat | NOAEL 3.4 mg/l | 28 days |
| Ethylbenzene | Inhalation | auditory system | Not classified | Rat | NOAEL 2.4 mg/l | 5 days |
| Ethylbenzene | Inhalation | endocrine system | Not classified | Mouse | NOAEL 3.3 mg/l | 103 weeks |
| Ethylbenzene | Inhalation | gastrointestinal tract | Not classified | Rat | NOAEL 3.3 mg/l | 2 years |
| Ethylbenzene | Inhalation | bone, teeth, nails, and/or hair muscles | Not classified | Multiple animal species | NOAEL 4.2 mg/l | 90 days |
| Ethylbenzene | Inhalation | heart immune system respiratory system | Not classified | Multiple animal species | NOAEL 3.3 mg/l | 2 years |
| Ethylbenzene | Ingestion | liver kidney and/or bladder | Not classified | Rat | NOAEL 680 mg/kg/day | 6 months |
| Synthetic amorphous silica, fumed, crystalline-free | Inhalation | respiratory system silicosis | Not classified | Human | NOAEL Not available | occupational exposure |
| Titanium dioxide | Inhalation | respiratory system | Some positive data exist, but the data are not sufficient for classification | Rat | LOAEL 0.01 mg/l | 2 years |
| Titanium dioxide | Inhalation | pulmonary fibrosis | Not classified | Human | NOAEL Not available | occupational exposure |
| Quartz | Inhalation | silicosis | Causes damage to organs through prolonged or repeated exposure | Human | NOAEL Not available | occupational exposure |

Aspiration Hazard

| Name | Value |
|--------------|-------------------|
| Toluene | Aspiration hazard |
| Xylene | Aspiration hazard |
| Ethylbenzene | Aspiration hazard |

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.

SECTION 12: Ecological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. Additional information leading to material classification in Section 2 is available upon request. In addition, environmental fate and effects data on ingredients may not be reflected in this section because an ingredient is present below the threshold for labelling, an ingredient is not expected to be available for exposure, or the data is considered not relevant to the material as a whole.

12.1. Toxicity

Ecotoxic to the aquatic environment.

Acute Aquatic Toxicity: Category 2 (HSNO 9.1D Aquatic toxicity)

Chronic Aquatic Toxicity: Category 3 (HSNO 9.1C Aquatic toxicity)

Ecotoxic to terrestrial vertebrates

9.3C Terrestrial vertebrate toxicity

No product test data available.

| Material | CAS Number | Organism | Type | Exposure | Test endpoint | Test result |
|---|------------|---------------------|---|----------|--------------------------------|-------------|
| Toluene | 108-88-3 | Coho Salmon | Experimental | 96 hours | LC50 | 5.5 mg/l |
| Toluene | 108-88-3 | Fish other | Experimental | 96 hours | LC50 | 6.41 mg/l |
| Toluene | 108-88-3 | Green Algae | Experimental | 72 hours | EC50 | 12.5 mg/l |
| Toluene | 108-88-3 | Water flea | Experimental | 48 hours | EC50 | 3.78 mg/l |
| Toluene | 108-88-3 | Coho salmon | Experimental | 40 days | NOEC | 1.39 mg/l |
| Toluene | 108-88-3 | Water flea | Experimental | 7 days | NOEC | 0.74 mg/l |
| Coumarone-Indene Resins | 63393-89-5 | | Data not available or insufficient for classification | | | |
| Kaolin | 1332-58-7 | Water flea | Experimental | 48 hours | LC50 | >1,100 mg/l |
| Styrene-Butadiene Polymer | 9003-55-8 | | Data not available or insufficient for classification | | | |
| Xylene | 1330-20-7 | Green Algae | Estimated | 73 hours | EC50 | 4.36 mg/l |
| Xylene | 1330-20-7 | Rainbow trout | Estimated | 96 hours | LC50 | 2.6 mg/l |
| Xylene | 1330-20-7 | Water flea | Estimated | 48 hours | EC50 | 3.82 mg/l |
| Xylene | 1330-20-7 | Green Algae | Estimated | 73 hours | Effect Conc. 10% - Growth Rate | 1.9 mg/l |
| Xylene | 1330-20-7 | Water flea | Estimated | 7 days | NOEC | 0.96 mg/l |
| Xylene | 1330-20-7 | Rainbow trout | Experimental | 56 days | NOEC | >1.3 mg/l |
| Limestone | 1317-65-3 | Green algae | Estimated | 72 hours | EC50 | >100 mg/l |
| Limestone | 1317-65-3 | Rainbow trout | Estimated | 96 hours | LC50 | >100 mg/l |
| Limestone | 1317-65-3 | Water flea | Estimated | 48 hours | EC50 | >100 mg/l |
| Limestone | 1317-65-3 | Green algae | Estimated | 72 hours | Effect Concentration 10% | >100 mg/l |
| Butadiene-Styrene-Meta-Divinylbenzene Polymer | 26471-45-4 | | Data not available or insufficient for classification | | | |
| Ethylbenzene | 100-41-4 | Atlantic Silverside | Experimental | 96 hours | LC50 | 5.1 mg/l |
| Ethylbenzene | 100-41-4 | Green Algae | Experimental | 96 hours | EC50 | 3.6 mg/l |

| | | | | | | |
|---|-------------|---------------|---|----------|------|-----------|
| Ethylbenzene | 100-41-4 | Mysid Shrimp | Experimental | 96 hours | LC50 | 2.6 mg/l |
| Ethylbenzene | 100-41-4 | Rainbow trout | Experimental | 96 hours | LC50 | 4.2 mg/l |
| Ethylbenzene | 100-41-4 | Water flea | Experimental | 48 hours | EC50 | 1.8 mg/l |
| Ethylbenzene | 100-41-4 | Water flea | Experimental | 7 days | NOEC | 0.96 mg/l |
| Formaldehyde, Polymer With 4-(1,1-Dimethylethyl) Phenol, Magnesium Oxide Complex | 68037-42-3 | | Data not available or insufficient for classification | | | |
| Quaternary ammonium Compounds, Bis(hydrogenated tallow alkyl)dimethyl, salts with Montmorillonite | 68911-87-5 | Green algae | Estimated | 72 hours | EC50 | >100 mg/l |
| Quaternary ammonium Compounds, Bis(hydrogenated tallow alkyl)dimethyl, salts with Montmorillonite | 68911-87-5 | Water flea | Estimated | 48 hours | EC50 | >100 mg/l |
| Quaternary ammonium Compounds, Bis(hydrogenated tallow alkyl)dimethyl, salts with Montmorillonite | 68911-87-5 | Zebra Fish | Estimated | 96 hours | LC50 | >100 mg/l |
| Synthetic amorphous silica, fumed, crystalline-free | 112945-52-5 | Green Algae | Experimental | 72 hours | EC50 | >100 mg/l |
| Synthetic amorphous silica, fumed, crystalline-free | 112945-52-5 | Water flea | Experimental | 24 hours | EC50 | >100 mg/l |
| Synthetic amorphous silica, fumed, crystalline-free | 112945-52-5 | Zebra Fish | Experimental | 96 hours | LC50 | >100 mg/l |
| Synthetic amorphous silica, fumed, crystalline-free | 112945-52-5 | Green Algae | Experimental | 72 hours | NOEC | 60 mg/l |
| Quartz | 14808-60-7 | | Data not | | | |

| | | | | | | |
|------------------|------------|----------------|--|----------|------|--------------|
| | | | available or insufficient for classification | | | |
| Titanium dioxide | 13463-67-7 | Diatom | Experimental | 72 hours | EC50 | >10,000 mg/l |
| Titanium dioxide | 13463-67-7 | Fathead minnow | Experimental | 96 hours | LC50 | >100 mg/l |
| Titanium dioxide | 13463-67-7 | Water flea | Experimental | 48 hours | EC50 | >100 mg/l |
| Titanium dioxide | 13463-67-7 | Diatom | Experimental | 72 hours | NOEC | 5,600 mg/l |

12.2. Persistence and degradability

| Material | CAS Number | Test type | Duration | Study Type | Test result | Protocol |
|--|------------|-------------------------------|----------|-------------------------------|-------------------|-------------------------------------|
| Toluene | 108-88-3 | Experimental Photolysis | | Photolytic half-life (in air) | 5.2 days (t 1/2) | Other methods |
| Toluene | 108-88-3 | Experimental Biodegradation | 20 days | BOD | 80 % weight | |
| Coumarone-Indene Resins | 63393-89-5 | Data not availbl-insufficient | | | N/A | |
| Kaolin | 1332-58-7 | Data not availbl-insufficient | | | N/A | |
| Styrene-Butadiene Polymer | 9003-55-8 | Data not availbl-insufficient | | | N/A | |
| Xylene | 1330-20-7 | Experimental Biodegradation | 28 days | BOD | 90-98 % BOD/ThBOD | OECD 301F - Manometric respirometry |
| Limestone | 1317-65-3 | Data not availbl-insufficient | | | N/A | |
| Butadiene-Styrene-Meta-Divinylbenzene Polymer | 26471-45-4 | Data not availbl-insufficient | | | N/A | |
| Ethylbenzene | 100-41-4 | Experimental Photolysis | | Photolytic half-life (in air) | 4.26 days (t 1/2) | Other methods |
| Ethylbenzene | 100-41-4 | Experimental Biodegradation | 28 days | CO2 evolution | 70-80 % weight | Other methods |
| Formaldehyde, Polymer With 4-(1,1-Dimethylethyl) Phenol, Magnesium Oxide Complex | 68037-42-3 | Data not availbl-insufficient | | | N/A | |
| Quaternary ammonium Compounds, Bis(hydrogenated tallow alkyl)dimethyl, | 68911-87-5 | Data not availbl-insufficient | | | N/A | |

| | | | | | | |
|---|-------------|-----------------------------------|--|--|-----|--|
| salts with Montmorillonite | | | | | | |
| Synthetic amorphous silica, fumed, crystalline-free | 112945-52-5 | Data not available - insufficient | | | N/A | |
| Quartz | 14808-60-7 | Data not available - insufficient | | | N/A | |
| Titanium dioxide | 13463-67-7 | Data not available - insufficient | | | N/A | |

12.3 : Bioaccumulative potential

| Material | CAS Number | Test type | Duration | Study Type | Test result | Protocol |
|--|------------|---|----------|------------------------|-------------|---------------|
| Toluene | 108-88-3 | Experimental Bioconcentration | | Log Kow | 2.73 | Other methods |
| Coumarone-Indene Resins | 63393-89-5 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Kaolin | 1332-58-7 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Styrene-Butadiene Polymer | 9003-55-8 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Xylene | 1330-20-7 | Experimental BCF - Rainbow Tr | 56 days | Bioaccumulation factor | 25.9 | Other methods |
| Limestone | 1317-65-3 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Butadiene-Styrene-Meta-Divinybenzene Polymer | 26471-45-4 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Ethylbenzene | 100-41-4 | Experimental BCF - Other | 42 days | Bioaccumulation factor | 1 | Other methods |
| Formaldehyde, Polymer With 4-(1,1-Dimethylethyl) Phenol, Magnesium Oxide Complex | 68037-42-3 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Quaternary ammonium Compounds, | 68911-87-5 | Data not available or insufficient for | N/A | N/A | N/A | N/A |

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|--|-------------|---|---------|------------------------|-----|---------------|
| Bis(hydrogenated tallow alkyl)dimethyl, salts with Montmorillonite | | classification | | | | |
| Synthetic amorphous silica, fumed, crystalline-free | 112945-52-5 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Quartz | 14808-60-7 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Titanium dioxide | 13463-67-7 | Experimental BCF-Carp | 42 days | Bioaccumulation factor | 9.6 | Other methods |

12.4. Mobility in soil

Please contact manufacturer for more details

12.5 Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Disposal methods

In accordance with the Hazardous Substances (Disposal) Notice 2017 and the relevant criteria of the HSNO Act 1996.

Incinerate in a permitted waste incineration facility. 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.

Packaging (that may or may not contain any residual substance) may be lawfully disposed of by householders or other consumers through public or commercial waste collection services.

SECTION 14: Transport Information

New Zealand Land Transport Rule: Dangerous Goods - Road/Rail Transport

UN No.: UN1139

Proper Shipping Name: COATING SOLUTION

Class/Division: 3

Sub Risk: Not applicable.

Packing Group: II

Special Instructions: Limited quantity may apply

Hazchem Code: -3YE

IERG: 14

International Air Transport Association (IATA) - Air Transport

UN No.: UN1139

Proper Shipping Name: COATING SOLUTION

Class/Division: 3

Sub Risk: Not applicable.

Packing Group: II**International Maritime Dangerous Goods Code (IMDG) - Marine Transport****UN No.:** UN1139**Proper Shipping Name:** COATING SOLUTION**Class/Division:** 3**Sub Risk:** Not applicable.**Packing Group:** II**Marine Pollutant:** Not applicable.**Special Instructions:** Limited quantity may apply**SECTION 15: Regulatory information**

HSNO Approval number HSR002669
Group standard name Surface Coatings and Colourants (Flammable, Toxic [6.7]) Group Standard 2017
HSNO Hazard classification Refer to Section 2: Hazard identification

NZ Inventory of Chemicals (NZIoC) Status

All applicable chemical ingredients in this material are in compliance with NZIoC listing requirements.

Controls in accordance with the Health and Safety at Work (Hazardous Substances) Regulations 2017

| | |
|---------------------------------|---|
| Certified handler | Not required |
| Location Compliance Certificate | 100 L (closed containers greater than 5 L) 250 L (closed containers up to and including 5 L) 50 L (open containers) |
| Hazardous atmosphere zone | 100 L (closed containers) 25 L (decanting) 5 L (open occasionally) 1 L (open containers in continuous use) |
| Fire extinguishers | Two required for 250 L |
| Emergency response plan | 100 L (for a HSNO 9.1A substance) or 1,000 L (for all other substances) |
| Secondary containment | 100 L (for a HSNO 9.1A substance) or 1,000 L (for all other substances) |
| Tracking | Not required |
| Warning signage | 100 L (for a HSNO 9.1A substance), or 250 L (for all other substances) |

SECTION 16: Other information**Revision information:**

Update to product identification numbers.

| | | | |
|------------------------|------------|-------------------------|------------|
| Document group: | 30-0296-1 | Version number: | 2.00 |
| Issue Date: | 06/05/2019 | Supersedes date: | 12/03/2015 |

Key to abbreviations and acronyms

GHS means the Globally Harmonised System of Classification and Labelling of Chemicals, 5th revised edition 2013

HSNO means Hazardous Substances and New Organisms Act 1996

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