



Safety Data Sheet

Copyright, 2015, 3M Company All rights reserved. Copying and/or downloading of this information for the purpose of properly utilising 3M products is allowed provided that: (1) the information is copied in full with no changes unless prior written agreement is obtained from 3M, and (2) neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

| | | | |
|---------------------------------------|-------------------|-------------------------|------------|
| Document group: | 27-9151-5 | Version number: | 7.02 |
| Revision date: | 27/04/2015 | Supersedes date: | 16/04/2015 |
| Transportation version number: | 4.00 (04/04/2012) | | |

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

3M Scotckote Epoxy Screed RS 820 (Part B)

Product Identification Numbers

GR-2001-1108-0

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

Identified uses

Coating.

1.3. Details of the supplier of the safety data sheet

Address: 3M United Kingdom PLC, 3M Centre, Cain Road, Bracknell, Berkshire, RG12 8HT.
Telephone: +44 (0)1344 858 000
E Mail: tox.uk@mmm.com
Website: www.3M.com/uk

1.4. Emergency telephone number

+44 (0)1344 858 000

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

CLP REGULATION (EC) No 1272/2008

CLASSIFICATION:

Acute Toxicity, Category 4 - Acute Tox. 4; H302
Acute Toxicity, Category 4 - Acute Tox. 4; H312
Serious Eye Damage/Eye Irritation, Category 1 - Eye Dam. 1; H318
Skin Corrosion/Irritation, Category 1B - Skin Corr. 1B; H314
Skin Sensitization, Category 1A - Skin Sens. 1A; H317
Reproductive Toxicity, Category 2 - Repr. 2; H361
Hazardous to the Aquatic Environment (Acute), Category 1 - Aquatic Acute 1; H400
Hazardous to the Aquatic Environment (Chronic), Category 1 - Aquatic Chronic 1; H410

3M Scotchkote Epoxy Screed RS 820 (Part B)

For full text of H phrases, see Section 16.

Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive

Indication of danger

Toxic for reproduction; Repr. Cat. 3 R62-63

Harmful; Xn; R20/21/22

Corrosive; C; R34

Sensitizing; R43

Dangerous for the environment; N; R50/53

For full text of R phrases, see Section 16.

2.2. Label elements

CLP REGULATION (EC) No 1272/2008

SIGNAL WORD

DANGER.

Symbols:

GHS05 (Corrosion) | GHS07 (Exclamation mark) | GHS08 (Health Hazard) |GHS09 (Environment) |

Pictograms



| Ingredient | CAS Nbr | % by Wt |
|--|------------|---------|
| 3-aminomethyl-3,5,5-trimethylcyclohexylamine | 2855-13-2 | 20 - 35 |
| Benzyl Alcohol | 100-51-6 | 25 - 35 |
| p-Tert-Butylphenol | 98-54-4 | 5 - 15 |
| Polypropyleneglycol bis(2-aminopropyl) ether | 9046-10-0 | 5 - 15 |
| m-phenylenebis(methylamine) | 1477-55-0 | 1 - 5 |
| Nonylphenol | 25154-52-3 | 3 - 5 |
| 2-Piperazin-1-ylethylamine | 140-31-8 | 1 - 5 |
| Salicylic acid | 69-72-7 | 1 - 5 |
| Trimethylhexane-1,6-diamine | 25620-58-0 | 1 - 5 |

HAZARD STATEMENTS:

| | |
|--------|--|
| H302 | Harmful if swallowed. |
| H312 | Harmful in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H317 | May cause an allergic skin reaction. |
| H361fd | Suspected of damaging fertility. Suspected of damaging the unborn child. |
| H410 | Very toxic to aquatic life with long lasting effects. |

PRECAUTIONARY STATEMENTS

Prevention:

| | |
|-------|---|
| P260A | Do not breathe vapours. |
| P280D | Wear protective gloves, protective clothing, and eye/face protection. |
| P273 | Avoid release to the environment. |

Response:

3M Scotchkote Epoxy Screed RS 820 (Part B)

| | |
|--------------------|--|
| P303 + P361 + P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P310 | Immediately call a POISON CENTRE or doctor/physician. |
| P333 + P313 | If skin irritation or rash occurs: Get medical advice/attention. |

Disposal:

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

60% of the mixture consists of components of unknown acute dermal toxicity.

Contains 20% of components with unknown hazards to the aquatic environment.

Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive

Symbol(s)



Corrosive



Dangerous
for the
environment

Contains:

Benzyl Alcohol; 3-aminomethyl-3,5,5-trimethylcyclohexylamine; m-phenylenebis(methylamine); 2-Piperazin-1-ylethylamine; Nonylphenol; Polypropyleneglycol bis(2-aminopropyl) ether; p-Tert-Butylphenol; Salicylic acid; Trimethylhexane-1,6-diamine

Risk phrases

| | |
|-----------|--|
| R20/21/22 | Harmful by inhalation, in contact with skin and if swallowed. |
| R34 | Causes burns. |
| R43 | May cause sensitisation by skin contact. |
| R62 | Possible risk of impaired fertility. |
| R63 | Possible risk of harm to the unborn child. |
| R50/53 | Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment. |

Safety phrases

| | |
|------------|---|
| S23A | Do not breathe vapour. |
| S36/37/39B | Wear suitable protective clothing, gloves, and eye and face protection. |
| S26 | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| S28C | After contact with skin, wash immediately with plenty of water for 15 minutes. |
| S45 | In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). |
| S61 | Avoid release to the environment. Refer to special instructions/safety data sheets. |

EU VOC Directive (2004/42/EC) labelling: 2004/42/EC IIA(jSB)(500)

0 g/l

2.3. Other hazards

Persons previously sensitised to amines may develop a cross-sensitisation reaction to certain other amines. May cause chemical gastrointestinal burns.

SECTION 3: Composition/information on ingredients

| Ingredient | CAS Nbr | EU Inventory | % by Wt | Classification |
|---|----------------|---------------------|----------------|---|
| 3-aminomethyl-3,5,5-trimethylcyclohexylamine | 2855-13-2 | EINECS 220-666-8 | 20 - 35 | C:R34; Xn:R21-22; R43; R52/53 (EU) Acute Tox. 4, H312; Acute Tox. 4, H302; Skin Corr. 1B, H314; Skin Sens. 1A, H317; Aquatic Chronic 3, H412 (CLP) |
| Benzyl Alcohol | 100-51-6 | EINECS 202-859-9 | 25 - 35 | Xn:R20-22 (EU) Acute Tox. 4, H332; Acute Tox. 4, H302 (CLP) |
| Formaldehyde, oligomeric reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine and 4-tert-butylphenol | Mixture | | 10 - 20 | |
| p-Tert-Butylphenol | 98-54-4 | EINECS 202-679-0 | 5 - 15 | Repr.Cat.3:R62; Xi:R38-41 (EU) R52 (Self Classified) Skin Irrit. 2, H315; Eye Dam. 1, H318; Repr. 2, H361f (CLP) Aquatic Chronic 3, H412 (Self Classified) |
| Polypropyleneglycol bis(2-aminopropyl) ether | 9046-10-0 | | 5 - 15 | C:R34; Xn:R21-22; Xi:R37 (Self Classified) Acute Tox. 4, H312; Acute Tox. 4, H302; Skin Corr. 1B, H314; STOT SE 3, H335 (Self Classified) |
| 2-Piperazin-1-ylethylamine | 140-31-8 | EINECS 205-411-0 | 1 - 5 | C:R34; Xn:R21-22; R43; R52/53 (EU) Acute Tox. 3, H311; Acute Tox. 4, H302; Skin Corr. 1B, H314; Skin Sens. 1B, H317; Aquatic Chronic 3, H412 (CLP) |
| Salicylic acid | 69-72-7 | EINECS 200-712-3 | 1 - 5 | Repr.Cat.3:R63; Xn:R22; Xi:R41 (Self Classified) Acute Tox. 4, H302; Eye Dam. 1, H318; Repr. 2, H361d (Self Classified) |
| Trimethylhexane-1,6-diamine | 25620-58-0 | EINECS 247-134-8 | 1 - 5 | C:R34; Xn:R22; R43; R52/53 (Self Classified) Acute Tox. 4, H302; Skin Corr. 1B, H314; Skin Sens. 1, H317; Aquatic Chronic 3, H412 (Self Classified) |
| m-phenylenebis(methylamine) | 1477-55-0 | EINECS 216-032-5 | 1 - 5 | C:R34; Xn:R20-22; R43; R52/53 (Self Classified) |

3M Scotchkote Epoxy Screed RS 820 (Part B)

| | | | | |
|-------------|------------|------------------|-------|--|
| | | | | Acute Tox. 4, H332; Acute Tox. 4, H302; Skin Corr. 1B, H314; Skin Sens. 1, H317; Aquatic Chronic 3, H412 (Self Classified) |
| Nonylphenol | 25154-52-3 | EINECS 246-672-0 | 3 - 5 | Repr.Cat.3:R62; Repr.Cat.3:R63; C:R34; Xn:R22; N:R50/53 (EU) Acute Tox. 4, H302; Skin Corr. 1B, H314; Repr. 2, H361df; Aquatic Acute 1, H400,M=10; Aquatic Chronic 1, H410,M=10 (CLP) |

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

Please refer to section 15 for the any applicable Notas that have been applied to the above components

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. If you feel unwell, get medical attention.

Skin contact

Immediately flush with large amounts of water for at least 15 minutes. Remove contaminated clothing. Get immediate medical attention. Wash clothing before reuse.

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.

If swallowed

Rinse mouth. Do not induce vomiting. Get immediate 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. Extinguishing media**

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

Hazardous Decomposition or By-Products**Substance**

Carbon monoxide.
Carbon dioxide.

Condition

During combustion.
During combustion.

3M Scotchkote Epoxy Screed RS 820 (Part B)

Oxides of nitrogen.

During combustion.

5.3. Advice for fire-fighters

No special protective actions for fire-fighters are anticipated.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. 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. 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. Place in a closed 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.

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

For industrial or professional use only. Do not handle until all safety precautions have been read and understood. 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. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wash contaminated clothing before reuse. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.) Use personal protective equipment (eg. gloves, respirators...) as required.

7.2. Conditions for safe storage including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed to prevent contamination with water or air. If contamination is suspected, do not reseal container. Store away from acids. Store away from strong bases. Store away from oxidising agents. Store away from amines.

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

No occupational exposure limit values exist for any of the components listed in Section 3 of this Safety Data Sheet.

Biological limit values

3M Scotchkote Epoxy Screed RS 820 (Part B)

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

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.

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:

| Material | Thickness (mm) | Breakthrough Time |
|------------------|-------------------|-------------------|
| Polymer laminate | No data available | No data available |
| Butyl rubber. | No data available | 1-4 hours |

The glove data presented are based on the substance driving dermal toxicity and the conditions present at the time of testing. Breakthrough time may be altered when the glove is subjected to use conditions that place additional stress on the glove.

If this product is used in a manner that presents a higher potential for exposure (eg. spraying, high splash potential etc.), then use of protective coveralls may be necessary. Select and use body protection to prevent contact based on the results of an exposure assessment. The following protective clothing material(s) are recommended: Apron – Butyl rubber
Apron - 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:

Full facepiece air-purifying respirator suitable for organic vapours and particulates

Full facepiece supplied-air respirator

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------------------|-------------------------------------|
| Physical state | Liquid. |
| Appearance/Odour | Ammoniacal odour; Pale straw colour |
| Odour threshold | No data available. |
| pH | ≤ 8 [Details: Alkaline] |
| Boiling point/boiling range | ≥ 200 °C |

3M Scotchkote Epoxy Screed RS 820 (Part B)

| | |
|---|--|
| Melting point | <i>Not applicable.</i> |
| Flammability (solid, gas) | Not applicable. |
| Explosive properties | Not classified |
| Oxidising properties | Not classified |
| Flash point | ≥ 100 °C [<i>Test Method: Closed Cup</i>] |
| Autoignition temperature | <i>Not applicable.</i> |
| Flammable Limits(LEL) | <i>No data available.</i> |
| Flammable Limits(UEL) | <i>No data available.</i> |
| Vapour pressure | <i>No data available.</i> |
| Relative density | 1.0 [<i>Ref Std: WATER=1</i>] |
| Water solubility | Negligible |
| Solubility- non-water | <i>No data available.</i> |
| Partition coefficient: n-octanol/water | <i>No data available.</i> |
| Evaporation rate | <i>No data available.</i> |
| Vapour density | <i>No data available.</i> |
| Decomposition temperature | <i>No data available.</i> |
| Viscosity | <i>No data available.</i> |
| Density | 1 g/ml |

9.2. Other information

| | |
|---|---|
| Volatile organic compounds (VOC) | 3 g/l [<i>Details: Method E (Part A and B mix)</i>] |
| Percent volatile | 0 % 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

Avoid curing large quantities of material to prevent a premature reaction (exotherm) with production of intense heat and smoke.

10.5 Incompatible materials

Amines.

Reaction with water, alcohols, and amines is not hazardous if container can vent to the atmosphere to prevent pressure buildup.

Strong acids.

Strong bases.

Strong oxidising agents.

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 3M assessments.

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

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

Harmful in contact with skin. Corrosive (skin burns): Signs/symptoms may include localised redness, swelling, itching, intense pain, blistering, ulceration, and tissue destruction. Allergic skin reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching. May cause additional health effects (see below).

Eye contact

Corrosive (eye burns): Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.

Ingestion

Harmful if swallowed.

Gastrointestinal corrosion: Signs/symptoms may include severe mouth, throat and abdominal pain, nausea, vomiting, and diarrhea; blood in the faeces and/or vomitus may also be seen. May cause additional health effects (see below).

Additional Health Effects:

Single exposure may cause target organ effects:

Dermal effects: Signs/symptoms may include changes in skin pigmentation and/or colouration. 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:

Prolonged or repeated exposure by ingestion may cause:

Dermal effects: Signs/symptoms may include changes in skin pigmentation and/or colouration.

Reproductive/Developmental Toxicity:

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

Additional information:

Persons previously sensitised to amines may develop a cross-sensitisation reaction to certain other amines.

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 ATE1,000 - 2,000 mg/kg |
| Overall product | Ingestion | | No data available; calculated ATE300 - 2,000 mg/kg |

3M Scotchkote Epoxy Screed RS 820 (Part B)

| | | | |
|--|--------------------------------|--------|---------------------------------|
| 3-aminomethyl-3,5,5-trimethylcyclohexylamine | Dermal | Rat | LD50 > 2,000 mg/kg |
| 3-aminomethyl-3,5,5-trimethylcyclohexylamine | Inhalation-Dust/Mist (4 hours) | Rat | LC50 estimated to be 1 - 5 mg/l |
| 3-aminomethyl-3,5,5-trimethylcyclohexylamine | Ingestion | Rat | LD50 1,030 mg/kg |
| Benzyl Alcohol | Inhalation-Dust/Mist (4 hours) | Rat | LC50 8.8 mg/l |
| Benzyl Alcohol | Ingestion | Rat | LD50 1,230 mg/kg |
| Polypropyleneglycol bis(2-aminopropyl) ether | Dermal | Rabbit | LD50 > 1,000 mg/kg |
| p-Tert-Butylphenol | Dermal | Rabbit | LD50 2,318 mg/kg |
| Polypropyleneglycol bis(2-aminopropyl) ether | Ingestion | Rat | LD50 >= 475 mg/kg |
| p-Tert-Butylphenol | Inhalation-Dust/Mist (4 hours) | Rat | LC50 > 5.6 mg/l |
| p-Tert-Butylphenol | Ingestion | Rat | LD50 4,000 mg/kg |
| m-phenylenebis(methylamine) | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| 2-Piperazin-1-ylethylamine | Dermal | Rabbit | LD50 865 mg/kg |
| Nonylphenol | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| m-phenylenebis(methylamine) | Inhalation-Dust/Mist (4 hours) | Rat | LC50 1.2 mg/l |
| m-phenylenebis(methylamine) | Ingestion | Rat | LD50 980 mg/kg |
| 2-Piperazin-1-ylethylamine | Ingestion | Rat | LD50 1,470 mg/kg |
| Nonylphenol | Ingestion | Rat | LD50 1,531 mg/kg |
| Salicylic acid | Dermal | Rat | LD50 > 2,000 mg/kg |
| Salicylic acid | Ingestion | Rat | LD50 891 mg/kg |
| Trimethylhexane-1,6-diamine | Ingestion | Rat | LD50 910 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|--|-------------------------|---------------------------|
| 3-aminomethyl-3,5,5-trimethylcyclohexylamine | official classification | Corrosive |
| Benzyl Alcohol | Multiple animal species | Mild irritant |
| Polypropyleneglycol bis(2-aminopropyl) ether | Rabbit | Corrosive |
| p-Tert-Butylphenol | Rabbit | Irritant |
| m-phenylenebis(methylamine) | Rat | Corrosive |
| 2-Piperazin-1-ylethylamine | Rabbit | Corrosive |
| Nonylphenol | Rabbit | Corrosive |
| Salicylic acid | Rabbit | No significant irritation |
| Trimethylhexane-1,6-diamine | Not available | Corrosive |

Serious Eye Damage/Irritation

| Name | Species | Value |
|--|---------|-----------------|
| 3-aminomethyl-3,5,5-trimethylcyclohexylamine | Rabbit | Corrosive |
| Benzyl Alcohol | Rabbit | Severe irritant |
| Polypropyleneglycol bis(2-aminopropyl) ether | Rabbit | Corrosive |
| p-Tert-Butylphenol | Rabbit | Corrosive |
| m-phenylenebis(methylamine) | Rabbit | Corrosive |
| 2-Piperazin-1-ylethylamine | Rabbit | Corrosive |
| Nonylphenol | Rabbit | Corrosive |
| Salicylic acid | Rabbit | Corrosive |
| Trimethylhexane-1,6-diamine | Rabbit | Corrosive |

Skin Sensitisation

| Name | Species | Value |
|--|------------|-------------|
| 3-aminomethyl-3,5,5-trimethylcyclohexylamine | Guinea pig | Sensitising |

3M Scotchkote Epoxy Screed RS 820 (Part B)

| | | |
|--|------------------|--|
| Benzyl Alcohol | Human and animal | Some positive data exist, but the data are not sufficient for classification |
| Polypropyleneglycol bis(2-aminopropyl) ether | Guinea pig | Not sensitizing |
| p-Tert-Butylphenol | Human and animal | Some positive data exist, but the data are not sufficient for classification |
| m-phenylenebis(methylamine) | Guinea pig | Sensitising |
| 2-Piperazin-1-ylethylamine | Guinea pig | Sensitising |
| Nonylphenol | Guinea pig | Not sensitizing |
| Salicylic acid | Mouse | Not sensitizing |
| Trimethylhexane-1,6-diamine | Guinea pig | Sensitising |

Photosensitisation

| Name | Species | Value |
|----------------|---------|-----------------|
| Salicylic acid | Mouse | Not sensitizing |

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 |
|--|----------|--|
| 3-aminomethyl-3,5,5-trimethylcyclohexylamine | In Vitro | Not mutagenic |
| 3-aminomethyl-3,5,5-trimethylcyclohexylamine | In vivo | Not mutagenic |
| Benzyl Alcohol | In vivo | Not mutagenic |
| Benzyl Alcohol | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Polypropyleneglycol bis(2-aminopropyl) ether | In Vitro | Not mutagenic |
| Polypropyleneglycol bis(2-aminopropyl) ether | In vivo | Not mutagenic |
| p-Tert-Butylphenol | In Vitro | Not mutagenic |
| m-phenylenebis(methylamine) | In Vitro | Not mutagenic |
| m-phenylenebis(methylamine) | In vivo | Not mutagenic |
| 2-Piperazin-1-ylethylamine | In vivo | Not mutagenic |
| 2-Piperazin-1-ylethylamine | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Nonylphenol | In Vitro | Not mutagenic |
| Nonylphenol | In vivo | Not mutagenic |
| Salicylic acid | In Vitro | Not mutagenic |
| Salicylic acid | In vivo | Not mutagenic |
| Trimethylhexane-1,6-diamine | In vivo | Not mutagenic |

Carcinogenicity

| Name | Route | Species | Value |
|--------------------|-----------|-------------------------|--|
| Benzyl Alcohol | Ingestion | Multiple animal species | Not carcinogenic |
| p-Tert-Butylphenol | Ingestion | Multiple animal species | 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 |
|--|-----------|----------------------------------|---------|---------------------|-------------------|
| 3-aminomethyl-3,5,5-trimethylcyclohexylamine | Ingestion | Not toxic to female reproduction | Rat | NOAEL 160 mg/kg/day | 90 days |

3M Scotchkote Epoxy Screed RS 820 (Part B)

| | | | | | |
|--|-----------|--|-------------------------|---------------------|------------------------------|
| 3-aminomethyl-3,5,5-trimethylcyclohexylamine | Ingestion | Not toxic to male reproduction | Rat | NOAEL 160 mg/kg/day | 90 days |
| 3-aminomethyl-3,5,5-trimethylcyclohexylamine | Ingestion | Not toxic to development | Rat | NOAEL 250 mg/kg/day | during gestation |
| Benzyl Alcohol | Ingestion | Not toxic to development | Mouse | NOAEL 550 mg/kg/day | during organogenesis |
| Polypropyleneglycol bis(2-aminopropyl) ether | Dermal | Not toxic to female reproduction | Rat | NOAEL 30 mg/kg/day | premating & during gestation |
| Polypropyleneglycol bis(2-aminopropyl) ether | Dermal | Not toxic to male reproduction | Rat | NOAEL 30 mg/kg/day | premating & during gestation |
| Polypropyleneglycol bis(2-aminopropyl) ether | Dermal | Not toxic to development | Rat | NOAEL 30 mg/kg/day | premating & during gestation |
| p-Tert-Butylphenol | Ingestion | Not toxic to male reproduction | Rat | NOAEL 600 mg/kg/day | 2 generation |
| p-Tert-Butylphenol | Ingestion | Some positive female reproductive data exist, but the data are not sufficient for classification | Rat | NOAEL 600 mg/kg/day | 2 generation |
| p-Tert-Butylphenol | Ingestion | Some positive developmental data exist, but the data are not sufficient for classification | Rat | NOAEL 70 mg/kg/day | 2 generation |
| m-phenylenebis(methylamine) | Ingestion | Not toxic to female reproduction | Rat | NOAEL 450 mg/kg/day | 1 generation |
| m-phenylenebis(methylamine) | Ingestion | Not toxic to male reproduction | Rat | NOAEL 450 mg/kg | 1 generation |
| m-phenylenebis(methylamine) | Ingestion | Not toxic to development | Rat | NOAEL 450 mg/kg/day | 1 generation |
| 2-Piperazin-1-ylethylamine | Ingestion | Not toxic to female reproduction | Rat | NOAEL 598 mg/kg/day | premating & during gestation |
| 2-Piperazin-1-ylethylamine | Ingestion | Not toxic to male reproduction | Rat | NOAEL 409 mg/kg/day | 32 days |
| 2-Piperazin-1-ylethylamine | Ingestion | Not toxic to development | Rat | NOAEL 899 mg/kg/day | premating & during gestation |
| Nonylphenol | Ingestion | Some positive male reproductive data exist, but the data are not sufficient for classification | Rat | NOAEL 400 mg/kg/day | 28 days |
| Nonylphenol | Ingestion | Toxic to female reproduction | official classification | NOAEL Not available | |
| Nonylphenol | Ingestion | Toxic to development | official classification | NOAEL Not available | |
| Salicylic acid | Ingestion | Toxic to development | Rat | NOAEL 75 mg/kg/day | during organogenesis |
| Trimethylhexane-1,6-diamine | Ingestion | Not toxic to male reproduction | Rat | NOAEL 120 mg/kg/day | 2 generation |
| Trimethylhexane-1,6-diamine | Ingestion | Not toxic to development | Rat | NOAEL 120 mg/kg/day | 2 generation |
| Trimethylhexane-1,6-diamine | Ingestion | Some positive female reproductive data exist, but the data are not sufficient for classification | Rat | NOAEL 10 mg/kg/day | 2 generation |

Lactation

| Name | Route | Species | Value |
|-------------|-----------|---------|--|
| Nonylphenol | Ingestion | Rat | Does not cause 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 |
|----------------------|------------|------------------------|----------------------------------|---------|-------------|-------------------|
| 3-aminomethyl-3,5,5- | Inhalation | respiratory irritation | May cause respiratory irritation | Rat | LOAEL | 2 weeks |

3M Scotchkote Epoxy Screed RS 820 (Part B)

| | | | | | | |
|--|------------|-----------------------------------|--|---------------|---------------------|---------|
| trimethylcyclohexylamine | | | | | 0.002 mg/l | |
| Benzyl Alcohol | Inhalation | central nervous system depression | May cause drowsiness or dizziness | | NOAEL Not available | |
| Benzyl Alcohol | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | | NOAEL Not available | |
| Benzyl Alcohol | Ingestion | central nervous system depression | May cause drowsiness or dizziness | | NOAEL Not available | |
| Polypropyleneglycol bis(2-aminopropyl) ether | Inhalation | respiratory irritation | May cause respiratory irritation | | NOAEL Not available | |
| p-Tert-Butylphenol | Inhalation | respiratory irritation | May cause respiratory irritation | Rat | LOAEL 5.6 mg/l | 4 hours |
| m-phenylenebis(methylamine) | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | Not available | NOAEL Not available | |
| 2-Piperazin-1-ylethylamine | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | | NOAEL Not available | |

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|--|-----------|---|--|---------|---------------------|-------------------|
| 3-aminomethyl-3,5,5-trimethylcyclohexylamine | Ingestion | hematopoietic system liver kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 160 mg/kg/day | 13 weeks |
| Benzyl Alcohol | Ingestion | endocrine system muscles kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 400 mg/kg/day | 13 weeks |
| Benzyl Alcohol | Ingestion | nervous system respiratory system | Some positive data exist, but the data are not sufficient for classification | Mouse | NOAEL 645 mg/kg/day | 8 days |
| p-Tert-Butylphenol | Ingestion | endocrine system liver kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 600 mg/kg/day | 2 generation |
| p-Tert-Butylphenol | Ingestion | blood | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 200 mg/kg | 6 weeks |
| m-phenylenebis(methylamine) | Ingestion | endocrine system blood bone marrow | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 600 mg/kg/day | 28 days |
| 2-Piperazin-1-ylethylamine | Ingestion | heart endocrine system hematopoietic system liver nervous system kidney and/or bladder | All data are negative | Rat | NOAEL 598 mg/kg/day | 28 days |
| Nonylphenol | Ingestion | endocrine system hematopoietic system liver | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 400 mg/kg/day | 28 days |
| Nonylphenol | Ingestion | kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 150 mg/kg/day | 90 days |
| Nonylphenol | Ingestion | heart bone, teeth, nails, and/or hair immune system muscles nervous system respiratory system | All data are negative | Rat | NOAEL 150 mg/kg/day | 90 days |
| Salicylic acid | Ingestion | liver | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 500 mg/kg/day | 3 days |
| Trimethylhexane-1,6-diamine | Ingestion | hematopoietic system liver | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 180 mg/kg/day | 13 weeks |

Aspiration Hazard

3M Scotchkote Epoxy Screed RS 820 (Part B)

| Name | Value |
|--|--|
| Polypropyleneglycol bis(2-aminopropyl) ether | Some positive data exist, but the data are 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.

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 Nbr | Organism | Type | Exposure | Test endpoint | Test result |
|---|-----------|-------------|---|----------|---------------|-------------|
| Formaldehyde, oligomeric reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine and 4-tert-butylphenol | Mixture | | Data not available or insufficient for classification | | | |
| 3-aminomethyl-3,5,5-trimethylcyclohexylamine | 2855-13-2 | Green algae | Experimental | 72 hours | EC50 | 50 mg/l |
| 3-aminomethyl-3,5,5-trimethylcyclohexylamine | 2855-13-2 | Golden Orfe | Experimental | 96 hours | LC50 | 110 mg/l |
| 3-aminomethyl-3,5,5-trimethylcyclohexylamine | 2855-13-2 | Water flea | Experimental | 21 days | NOEC | 3 mg/l |
| 3-aminomethyl-3,5,5-trimethylcyclohexylamine | 2855-13-2 | Water flea | Experimental | 48 hours | EC50 | 17.4 mg/l |
| 2-Piperazin-1-ylethylamine | 140-31-8 | Green algae | Experimental | 72 hours | NOEC | 31 mg/l |
| 2-Piperazin-1-ylethylamine | 140-31-8 | Water flea | Experimental | 48 hours | EC50 | 32 mg/l |
| 2-Piperazin-1- | 140-31-8 | Green algae | Experimental | 72 hours | EC50 | >1,000 mg/l |

3M Scotchkote Epoxy Screed RS 820 (Part B)

| | | | | | | |
|---|------------|-----------------|---|----------|------|-------------|
| ylethylamine | | | | | | |
| 2-Piperazin-1-ylethylamine | 140-31-8 | Rainbow trout | Experimental | 96 hours | LC50 | >100 mg/l |
| Salicylic acid | 69-72-7 | Water flea | Experimental | 48 hours | EC50 | 870 mg/l |
| Trimethylhexane-1,6-diamine | 25620-58-0 | Water flea | Experimental | 24 hours | EC50 | 31.5 mg/l |
| Trimethylhexane-1,6-diamine | 25620-58-0 | Green algae | Experimental | 72 hours | EC50 | 29.5 mg/l |
| Trimethylhexane-1,6-diamine | 25620-58-0 | Golden Orfe | Experimental | 48 hours | LC50 | 172 mg/l |
| Benzyl Alcohol | 100-51-6 | Fathead minnow | Experimental | 96 hours | LC50 | 460 mg/l |
| Benzyl Alcohol | 100-51-6 | Algae | Experimental | 96 hours | EC50 | 640 mg/l |
| Benzyl Alcohol | 100-51-6 | Water flea | Experimental | 48 hours | EC50 | 360 mg/l |
| m-phenylenebis(methylamine) | 1477-55-0 | Green Algae | Experimental | 72 hours | NOEC | 9.8 mg/l |
| m-phenylenebis(methylamine) | 1477-55-0 | Water flea | Experimental | 21 days | NOEC | 4.7 mg/l |
| m-phenylenebis(methylamine) | 1477-55-0 | Green Algae | Experimental | 72 hours | EC50 | 28 mg/l |
| m-phenylenebis(methylamine) | 1477-55-0 | Ricefish | Experimental | 96 hours | LC50 | 87.6 mg/l |
| m-phenylenebis(methylamine) | 1477-55-0 | Water flea | Experimental | 48 hours | EC50 | 15.2 mg/l |
| Nonylphenol | 25154-52-3 | Fathead minnow | Experimental | 96 hours | LC50 | 0.128 mg/l |
| Nonylphenol | 25154-52-3 | Mysid Shrimp | Experimental | 28 days | NOEC | 0.0039 mg/l |
| Nonylphenol | 25154-52-3 | Diatom | Experimental | 96 hours | EC50 | 0.027 mg/l |
| Nonylphenol | 25154-52-3 | Green algae | Experimental | 72 hours | NOEC | 0.0251 mg/l |
| Nonylphenol | 25154-52-3 | Crustacea other | Experimental | 96 hours | EC50 | 0.0207 mg/l |
| Nonylphenol | 25154-52-3 | Fathead minnow | Experimental | 33 days | NOEC | 0.0074 mg/l |
| p-Tert-Butylphenol | 98-54-4 | Water flea | Laboratory | 21 days | NOEC | 0.73 mg/l |
| p-Tert-Butylphenol | 98-54-4 | Water flea | Laboratory | 48 hours | EC50 | 3.4 mg/l |
| p-Tert-Butylphenol | 98-54-4 | Fathead minnow | Laboratory | 96 hours | LC50 | 5.14 mg/l |
| p-Tert-Butylphenol | 98-54-4 | Green algae | Laboratory | 72 hours | EC50 | 22.7 mg/l |
| Polypropylene glycol bis(2-aminopropyl) ether | 9046-10-0 | | Data not available or insufficient for classification | | | |

12.2. Persistence and degradability

3M Scotchkote Epoxy Screed RS 820 (Part B)

| Material | CAS Nbr | Test type | Duration | Study Type | Test result | Protocol |
|---|------------|---|----------|--------------------------------|-------------------------------|-----------------------------------|
| Nonylphenol | 25154-52-3 | Estimated Photolysis | | Photolytic half-life (in air) | 7.5 hours (t _{1/2}) | Other methods |
| Formaldehyde, oligomeric reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine and 4-tert-butylphenol | Mixture | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Benzyl Alcohol | 100-51-6 | Experimental Biodegradation | 14 days | BOD | 94 % weight | OECD 301C - MITI test (I) |
| Polypropylene glycol bis(2-aminopropyl) ether | 9046-10-0 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| 3-aminomethyl-3,5,5-trimethylcyclohexylamine | 2855-13-2 | Experimental Biodegradation | 28 days | BOD | 0 % weight | OECD 301C - MITI test (I) |
| 2-Piperazin-1-ylethylamine | 140-31-8 | Experimental Biodegradation | 28 days | BOD | 0 % weight | OECD 301C - MITI test (I) |
| Salicylic acid | 69-72-7 | Experimental Biodegradation | 14 days | BOD | 88.1 % weight | OECD 301C - MITI test (I) |
| Trimethylhexane-1,6-diamine | 25620-58-0 | Experimental Biodegradation | 21 days | Dissolv. Organic Carbon Deplet | 37 % weight | OECD 301E - Modified OECD Scre |
| m-phenylenebis(methylamine) | 1477-55-0 | Experimental Biodegradation | 28 days | CO2 evolution | 49 % weight | OECD 301B - Modified sturm or CO2 |
| Nonylphenol | 25154-52-3 | Experimental Biodegradation | 28 days | CO2 evolution | 53 % weight | OECD 301B - Modified sturm or CO2 |
| p-Tert-Butylphenol | 98-54-4 | Experimental Biodegradation | 28 days | Dissolv. Organic Carbon Deplet | 98 % weight | Other methods |

12.3 : Bioaccumulative potential

| Material | CAS Nbr | Test type | Duration | Study Type | Test result | Protocol |
|---|---------|---|----------|------------|-------------|----------|
| Formaldehyde, oligomeric reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine and 4-tert-butylphenol | Mixture | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |

3M Scotchkote Epoxy Screed RS 820 (Part B)

| | | | | | | |
|---|------------|---|---------|------------------------|------|--|
| 3-aminomethyl-3,5,5-trimethylcyclohexylamine | 2855-13-2 | Experimental BCF-Carp | 42 days | Bioaccumulation factor | <3.4 | Other methods |
| m-phenylenebis(methylamine) | 1477-55-0 | Experimental BCF-Carp | 42 days | Bioaccumulation factor | <2.7 | OECD 305E - Bioaccumulation flow-through fish test |
| Nonylphenol | 25154-52-3 | Experimental BCF - Other | 16 days | Bioaccumulation factor | 2168 | Other methods |
| Polypropylene glycol bis(2-aminopropyl) ether | 9046-10-0 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| 2-Piperazin-1-ylethylamine | 140-31-8 | Experimental Bioconcentration | | Log Kow | 0.3 | Other methods |
| Salicylic acid | 69-72-7 | Experimental Bioconcentration | | Log Kow | 2.26 | Other methods |
| Trimethylhexane-1,6-diamine | 25620-58-0 | Experimental Bioconcentration | | Log Kow | 0.7 | Other methods |
| Benzyl Alcohol | 100-51-6 | Experimental Bioconcentration | | Log Kow | 1.10 | Other methods |
| p-Tert-Butylphenol | 98-54-4 | Experimental Bioaccumulation | | Log Kow | 3.31 | Other methods |

12.4. Mobility in soil

Please contact manufacturer for more details

12.5. Results of the PBT and vPvB assessment

No information available at this time, contact manufacturer for more details

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

See Section 11.1 Information on toxicological effects

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration 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 3M, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/EC 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.

3M Scotchkote Epoxy Screed RS 820 (Part B)

EU waste code (product as sold)

08 04 09* Waste adhesives and sealants containing organic solvents or other dangerous substances

SECTION 14: Transportation information

GR-2001-1108-0

ADR/RID: UN2735, POLYAMINES, LIQUID, CORROSIVE, N.O.S., LIMITED QUANTITY, (ISOPHORONE DIAMINE), (POLY(OXYPROPYLENE)DIAMINE), 8, III, (E), ADR Classification Code: C7.

IMDG-CODE: UN2735, POLYAMINES, LIQUID, CORROSIVE, N.O.S., (ISOPHORONE DIAMINE), (POLY(OXYPROPYLENE)DIAMINE), 8., III, IMDG-Code segregation code: 18- ALKALIS, LIMITED QUANTITY, Marine Pollutant, (NONYLPHENOL), EMS: FA, SB.

ICAO/IATA: UN2735, POLYAMINES, LIQUID, CORROSIVE, N.O.S., (ISOPHORONE DIAMINE), (POLY(OXYPROPYLENE)DIAMINE), 8., III.

SECTION 15: Regulatory information

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

Global inventory status

Contact 3M for more information. The components of this material are in compliance with the China "Measures on Environmental Management of New Chemical Substance". 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 product are in compliance with the chemical notification requirements of TSCA.

15.2. Chemical Safety Assessment

Not applicable

SECTION 16: Other information

List of relevant H statements

| | |
|--------|--|
| H302 | Harmful if swallowed. |
| H311 | Toxic in contact with skin. |
| H312 | Harmful in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H332 | Harmful if inhaled. |
| H335 | May cause respiratory irritation. |
| H361d | Suspected of damaging the unborn child. |
| H361df | Suspected of damaging fertility. Suspected of damaging the unborn child. |
| H361f | Suspected of damaging fertility. |
| H361fd | Suspected of damaging fertility. Suspected of damaging the unborn child. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

List of relevant R-phrases

3M Scotchkote Epoxy Screed RS 820 (Part B)

| | |
|-----------|--|
| R20 | Harmful by inhalation. |
| R20/21/22 | Harmful by inhalation, in contact with skin and if swallowed. |
| R21 | Harmful in contact with skin. |
| R22 | Harmful if swallowed. |
| R34 | Causes burns. |
| R37 | Irritating to respiratory system. |
| R38 | Irritating to skin. |
| R41 | Risk of serious damage to eyes. |
| R43 | May cause sensitisation by skin contact. |
| R50/53 | Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment. |
| R52 | Harmful to aquatic organisms. |
| R52/53 | Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment. |
| R62 | Possible risk of impaired fertility. |
| R63 | Possible risk of harm to the unborn child. |

Revision information:

Revision Changes:

Section 2: Label ingredient information information was modified.
Section 3: Composition/ Information of ingredients table information was modified.
Section 12: Component ecotoxicity information information was modified.
Section 12: Persistence and Degradability information information was modified.
Section 12: Bioaccumulative potential information information was modified.
CLP: Ingredient table information was modified.
Section 11: Aspiration Hazard Table information was modified.
Section 11: Acute Toxicity table information was modified.
Section 11: Serious Eye Damage/Irritation Table information was modified.
Section 11: Germ Cell Mutagenicity Table information was modified.
Section 11: Skin Sensitization Table information was modified.
Section 11: Reproductive Toxicity Table information was modified.
Section 11: Skin Corrosion/Irritation Table information was modified.
Section 11: Target Organs - Single Table information was modified.
Section 6: Accidental release personal information information was modified.
Section 2: EU VOC Directive (2004/42/EC) heading information was added.
Section 02: EU VOC Directive (2004/42/EC) labelling information was added.
Section 02: EU VOC Directive (2004/42/EC) labelling information was added.

DISCLAIMER: The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

3M United Kingdom MSDSs are available at www.3M.com/uk