



Safety Data Sheet

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|---------------------------------------|-------------------|-------------------------|------------|
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| Transportation version number: | 1.00 (16/09/2010) | | |

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 Scotchkote Urethane Wall Coating UV 843 (Part B)

Product Identification Numbers

GR-2001-1684-0 GR-2001-3951-1

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; H332
Skin Sensitization, Category 1 - Skin Sens. 1; H317
Specific Target Organ Toxicity-Single Exposure, Category 3 - STOT SE 3; H335

For full text of H phrases, see Section 16.

2.2. Label elements

CLP REGULATION (EC) No 1272/2008

3M Scotchkote Urethane Wall Coating UV 843 (Part B)

SIGNAL WORD

WARNING.

Symbols:

GHS07 (Exclamation mark) |

Pictograms



| Ingredient | CAS Nbr | % by Wt |
|---|-------------|---------|
| Hexane, 1,6-diisocyanato-, homopolymer, polyethylene glycol mono-Me ether-blocked | 160994-68-3 | 35 - 45 |
| Hexamethylene diisocyanate, oligomers | 28182-81-2 | 35 - 45 |
| Hexamethylene diisocyanate | 822-06-0 | < 0.25 |

HAZARD STATEMENTS:

| | |
|------|--------------------------------------|
| H332 | Harmful if inhaled. |
| H317 | May cause an allergic skin reaction. |
| H335 | May cause respiratory irritation. |

PRECAUTIONARY STATEMENTS

Prevention:

| | |
|-------|---|
| P261 | Avoid breathing dust/fume/gas/mist/vapours/spray. |
| P280E | Wear protective gloves. |

Response:

| | |
|-------------|--|
| P333 + P313 | If skin irritation or rash occurs: Get medical advice/attention. |
|-------------|--|

Contains 100% of components with unknown hazards to the aquatic environment.

EU VOC Directive (2004/42/EC) labelling: 2004/42/EC IIA(jWB)(140)

115 g/l

2.3. Other hazards

Persons previously sensitized to isocyanates may develop a cross-sensitization reaction to other isocyanates.

SECTION 3: Composition/information on ingredients

| Ingredient | CAS Nbr | EU Inventory | % by Wt | Classification |
|---|-------------|------------------|---------|---|
| Hexane, 1,6-diisocyanato-, homopolymer, polyethylene glycol mono-Me ether-blocked | 160994-68-3 | | 35 - 45 | Skin Sens. 1, H317 (Vendor) |
| Hexamethylene diisocyanate, oligomers | 28182-81-2 | NLP 500-060-2 | 35 - 45 | Acute Tox. 4, H332; Skin Sens. 1, H317; STOT SE 3, H335 (Self Classified) |
| Dipropylene glycol dimethyl ether | 111109-77-4 | | 15 - 25 | |
| Hexamethylene diisocyanate | 822-06-0 | EINECS 212-485-8 | < 0.25 | Acute Tox. 2, H330; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Resp. Sens. 1A, H334; Skin |

3M Scotchkote Urethane Wall Coating UV 843 (Part B)

| | | | | |
|--|--|--|--|--|
| | | | | Sens. 1A, H317; STOT SE 3, H335 - Nota 2 (CLP) |
|--|--|--|--|--|

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

Please refer to section 15 for 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 wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop, get medical attention.

Eye contact

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

If swallowed

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

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

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 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

| <u>Substance</u> | <u>Condition</u> |
|---------------------|--------------------|
| Carbon monoxide. | During combustion. |
| Carbon dioxide. | During combustion. |
| Hydrogen cyanide. | During combustion. |
| Oxides of nitrogen. | During combustion. |

5.3. Advice for fire-fighters

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

3M Scotchkote Urethane Wall Coating UV 843 (Part B)

Evacuate area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or 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. Pour isocyanate decontaminant solution (90% water, 8% concentrated ammonia, 2% detergent) on spill and allow to react for 10 minutes. Or pour water on spill and allow to react for more than 30 minutes. Cover with absorbent material. 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 container approved for transportation by appropriate authorities, but do not seal the container for 48 hours to avoid pressure build-up. Clean up residue with detergent and water. 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. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Avoid breathing 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. Wash contaminated clothing before reuse. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.)

7.2. Conditions for safe storage including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store away from acids. 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

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 |
|------------------|----------|-------------------------|---|------------------------|
| Free isocyanates | 822-06-0 | Manufacturer determined | TWA:0.005 ppm;STEL:0.02 ppm | |
| Free isocyanates | 822-06-0 | UK HSC | TWA(as NCO):0.02 mg/m ³ ;STEL(as NCO):0.07 mg/m ³ | Respiratory Sensitizer |

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

Biological limit values

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

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.

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 |
|------------------|-----------------------|--------------------------|
| Butyl rubber. | No data available | No data available |
| Polymer laminate | No data available | No data available |

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:

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

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

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

| | |
|------------------------------------|--|
| Physical state | Liquid. |
| Appearance/Odour | Mild musty odour; Clear to yellow colour |
| Odour threshold | <i>No data available.</i> |
| pH | <i>Not applicable.</i> |
| Boiling point/boiling range | ≥ 175 °C |
| Melting point | <i>Not applicable.</i> |
| Flammability (solid, gas) | Not applicable. |
| Explosive properties | Not classified |
| Oxidising properties | Not classified |

3M Scotchkote Urethane Wall Coating UV 843 (Part B)

| | |
|--|---|
| Flash point | 65 °C [<i>Test Method</i> :Closed Cup] |
| Autoignition temperature | >=165 °C |
| Flammable Limits(LEL) | 0.85 % volume |
| Flammable Limits(UEL) | <i>No data available.</i> |
| Vapour pressure | <=133.3 Pa [<i>@</i> 20 °C] |
| Relative density | 1.1 [<i>Ref Std</i> :WATER=1] |
| Water solubility | Moderate |
| 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 | <=5.59 [<i>Ref Std</i> :AIR=1] |
| Decomposition temperature | <i>No data available.</i> |
| Viscosity | <i>No data available.</i> |
| Density | 1.1 g/ml |

9.2. Other information

| | |
|----------------------------------|---|
| Volatile organic compounds (VOC) | 220 g/l [<i>Details</i> :EU Definition (Part B)] |
| Percent volatile | 20 % weight |

SECTION 10: Stability and reactivity

10.1 Reactivity

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

10.2 Chemical stability

Stable.

10.3 Possibility of hazardous reactions

Hazardous polymerisation will not occur.

10.4 Conditions to avoid

Sparks and/or flames.

10.5 Incompatible materials

Alcohols.

Amines.

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 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

3M Scotchkote Urethane Wall Coating UV 843 (Part B)

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. Allergic respiratory reaction: Signs/symptoms may include difficulty breathing, wheezing, cough, and tightness of chest. May cause additional health effects (see below).

Skin contact

Mild Skin Irritation: Signs/symptoms may include localised redness, swelling, itching, and dryness. Allergic skin reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

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.

Additional information:

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

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 | Inhalation-Dust/Mist(4 hr) | | No data available; calculated ATE1 - 5 mg/l |
| Overall product | Inhalation-Vapor(4 hr) | | No data available; calculated ATE >50 mg/l |
| Overall product | Ingestion | | No data available; calculated ATE >5,000 mg/kg |
| Hexamethylene diisocyanate, oligomers | Inhalation-Dust/Mist (4 hours) | Professional judgement | LC50 estimated to be 1 - 5 mg/l |
| Hexamethylene diisocyanate, oligomers | Dermal | Rabbit | LD50 > 5,000 mg/kg |
| Hexamethylene diisocyanate, oligomers | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Dipropylene glycol dimethyl ether | Dermal | Rat | LD50 > 2,000 mg/kg |
| Dipropylene glycol dimethyl ether | Inhalation-Vapor (4 hours) | Rat | LC50 > 5.2 mg/l |
| Dipropylene glycol dimethyl ether | Ingestion | Rat | LD50 3,075 mg/kg |
| Hexamethylene diisocyanate | Dermal | Rabbit | LD50 570 mg/kg |
| Hexamethylene diisocyanate | Inhalation-Dust/Mist (4 hours) | Rat | LC50 0.12 mg/l |
| Hexamethylene diisocyanate | Ingestion | Rat | LD50 710 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|---------------------------------------|---------|---------------------------|
| Hexamethylene diisocyanate, oligomers | Rabbit | Mild irritant |
| Dipropylene glycol dimethyl ether | Rabbit | No significant irritation |
| Hexamethylene diisocyanate | Rabbit | Corrosive |

3M Scotchkote Urethane Wall Coating UV 843 (Part B)**Serious Eye Damage/Irritation**

| Name | Species | Value |
|---------------------------------------|---------|-------------------|
| Hexamethylene diisocyanate, oligomers | Rabbit | Moderate irritant |
| Dipropylene glycol dimethyl ether | Rabbit | Mild irritant |
| Hexamethylene diisocyanate | Rabbit | Corrosive |

Skin Sensitisation

| Name | Species | Value |
|---------------------------------------|-------------------------|-----------------|
| Hexamethylene diisocyanate, oligomers | Guinea pig | Sensitising |
| Dipropylene glycol dimethyl ether | Guinea pig | Not sensitising |
| Hexamethylene diisocyanate | Multiple animal species | Sensitising |

Respiratory Sensitisation

| Name | Species | Value |
|---------------------------------------|-------------------|--|
| Hexamethylene diisocyanate, oligomers | similar compounds | Some positive data exist, but the data are not sufficient for classification |
| Hexamethylene diisocyanate | Human and animal | Sensitising |

Germ Cell Mutagenicity

| Name | Route | Value |
|---------------------------------------|----------|---------------|
| Hexamethylene diisocyanate, oligomers | In Vitro | Not mutagenic |
| Hexamethylene diisocyanate, oligomers | In vivo | Not mutagenic |
| Dipropylene glycol dimethyl ether | In Vitro | Not mutagenic |
| Dipropylene glycol dimethyl ether | In vivo | Not mutagenic |
| Hexamethylene diisocyanate | In Vitro | Not mutagenic |
| Hexamethylene diisocyanate | In vivo | Not mutagenic |

Carcinogenicity

| Name | Route | Species | Value |
|----------------------------|------------|---------|------------------|
| Hexamethylene diisocyanate | Inhalation | Rat | Not carcinogenic |

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

| Name | Route | Value | Species | Test result | Exposure Duration |
|-----------------------------------|------------|--|---------|---------------------|-------------------|
| Dipropylene glycol dimethyl ether | Ingestion | Not toxic to development | Rabbit | NOAEL 250 mg/kg/day | during gestation |
| Hexamethylene diisocyanate | Inhalation | Not toxic to female reproduction | Rat | NOAEL 0.002 mg/l | 7 weeks |
| Hexamethylene diisocyanate | Inhalation | Not toxic to development | Rat | NOAEL 0.002 mg/l | 7 weeks |
| Hexamethylene diisocyanate | Inhalation | Some positive male reproductive data exist, but the data are not sufficient for classification | Rat | NOAEL 0.014 mg/l | 4 weeks |

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

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|---------------------------------------|------------|------------------------|----------------------------------|---------|---------------------|-------------------|
| Hexamethylene diisocyanate, oligomers | Inhalation | respiratory irritation | May cause respiratory irritation | | NOAEL Not available | |

3M Scotchkote Urethane Wall Coating UV 843 (Part B)

| | | | | | | |
|----------------------------|------------|------------------------|--|------------------|---------------------|-----------------------|
| Hexamethylene diisocyanate | Inhalation | respiratory irritation | May cause respiratory irritation | Human and animal | NOAEL Not available | |
| Hexamethylene diisocyanate | Inhalation | blood | Some positive data exist, but the data are not sufficient for classification | Human | NOAEL Not available | occupational exposure |

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|---------------------------------------|------------|-------------------------------|--|---------|-----------------------|-------------------|
| Hexamethylene diisocyanate, oligomers | Inhalation | immune system | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL .084 mg/l | 2 weeks |
| Hexamethylene diisocyanate, oligomers | Inhalation | blood | All data are negative | Rat | NOAEL .084 mg/l | 2 weeks |
| Dipropylene glycol dimethyl ether | Ingestion | liver | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 1,000 mg/kg/day | 28 days |
| Hexamethylene diisocyanate | Inhalation | liver kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 0.002 mg/l | 3 weeks |
| Hexamethylene diisocyanate | Inhalation | endocrine system | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 0.0014 mg/l | 4 weeks |
| Hexamethylene diisocyanate | Inhalation | blood | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 0.0012 mg/l | 2 years |
| Hexamethylene diisocyanate | Inhalation | nervous system | All data are negative | Rat | NOAEL 0.002 mg/l | 7 weeks |
| Hexamethylene diisocyanate | Inhalation | heart | All data are negative | Rat | NOAEL 0.001 mg/l | 90 days |

Aspiration Hazard

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

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

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 |
|---|-------------|----------|---|----------|---------------|-------------|
| Dipropylene glycol dimethyl ether | 111109-77-4 | | Data not available or insufficient for classification | | | |
| Hexane, 1,6-diisocyanato-, homopolymer, polyethylene glycol mono-Me ether-blocked | 160994-68-3 | | Data not available or insufficient for classification | | | |

3M Scotchkote Urethane Wall Coating UV 843 (Part B)

| | | | | | | |
|---------------------------------------|------------|-------------|---|----------|------|----------|
| Hexamethylene diisocyanate | 822-06-0 | Ricefish | Experimental | 96 hours | LC50 | 71 mg/l |
| Hexamethylene diisocyanate | 822-06-0 | Water flea | Experimental | 48 hours | EC50 | 27 mg/l |
| Hexamethylene diisocyanate | 822-06-0 | Green algae | Experimental | 72 hours | EC50 | 15 mg/l |
| Hexamethylene diisocyanate | 822-06-0 | Green Algae | Experimental | 72 hours | NOEC | 10 mg/l |
| Hexamethylene diisocyanate | 822-06-0 | Water flea | Experimental | 21 days | NOEC | 4.2 mg/l |
| Hexamethylene diisocyanate, oligomers | 28182-81-2 | | Data not available or insufficient for classification | | | |

12.2. Persistence and degradability

| Material | CAS Nbr | Test type | Duration | Study Type | Test result | Protocol |
|---|-------------|---|----------|----------------------|-------------------------------|---------------------------|
| Dipropylene glycol dimethyl ether | 111109-77-4 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Hexane, 1,6-diisocyanato-, homopolymer, polyethylene glycol mono-Me ether-blocked | 160994-68-3 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Hexamethylene diisocyanate | 822-06-0 | Experimental Hydrolysis | | Hydrolytic half-life | 5 minutes (t _{1/2}) | Other methods |
| Hexamethylene diisocyanate | 822-06-0 | Experimental Biodegradation | 14 days | BOD | 55.5 % weight | OECD 301C - MITI test (I) |
| Hexamethylene diisocyanate, oligomers | 28182-81-2 | Modeled Biodegradation | 28 days | BOD | 28 % weight | OECD 301C - MITI test (I) |

12.3 : Bioaccumulative potential

| Material | CAS Nbr | Test type | Duration | Study Type | Test result | Protocol |
|---|-------------|---|----------|------------------------|-------------|------------------------------------|
| Dipropylene glycol dimethyl ether | 111109-77-4 | Estimated Bioconcentration | | Bioaccumulation factor | 3.70 | Estimated: Bioconcentration factor |
| Hexane, 1,6-diisocyanato-, homopolymer, polyethylene glycol mono-Me ether-blocked | 160994-68-3 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Hexamethylene diisocyanate | 822-06-0 | Estimated Bioconcentration | | Bioaccumulation factor | 158 | Estimated: Bioconcentration factor |
| Hexamethylene diisocyanate, | 28182-81-2 | Modeled Bioconcentration | | Bioaccumulation factor | 5 | Other methods |

3M Scotchkote Urethane Wall Coating UV 843 (Part B)

| | | | | | | |
|-----------|--|----|--|--|--|--|
| oligomers | | on | | | | |
|-----------|--|----|--|--|--|--|

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 completely cured (or polymerised) material in a permitted industrial waste facility. As a disposal alternative, incinerate uncured product in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. If no other disposal options are available, waste product that has been completely cured or polymerised may be placed in a landfill properly designed for industrial waste. 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.

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-2001-1684-0, GR-2001-3951-1

Not hazardous for transportation

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 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

| | |
|------|--|
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H330 | Fatal if inhaled. |
| H332 | Harmful if inhaled. |
| H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| H335 | May cause respiratory irritation. |

Revision information:

Revision Changes:

Section 8: Eye/face protection information information was modified.
Section 8: Personal Protection - Skin/body information information was modified.
Section 8: Skin protection - protective clothing information information was modified.
Section 01: 1.3. Details of the supplier of the safety data sheet heading information was modified.
Section 1: Product identification numbers heading 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: Biocumulative potential information information was modified.
Copyright information was modified.
Label: Signal Word information was modified.
Section 8: Occupational exposure limit table information was modified.
OEL Reg Agency Desc information was modified.
Section 3: Reference to section 15 for Nota info information was modified.
Telephone header information was modified.
Company Telephone information was modified.
Section 11: Acute Toxicity table information was modified.
Section 11: Carcinogenicity 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: Respiratory 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 - Repeated Table information was modified.
Section 11: Target Organs - Single Table information was modified.
Section 11: Health Effects - Skin information information was modified.
Section 11: Health Effects - Inhalation information information was modified.
Section 5: Fire - Extinguishing media information information was modified.
Section 6: Accidental release personal information information was modified.
Section 7: Precautions safe handling information information was modified.
Section 7: Conditions safe storage information was modified.
Section 8: Personal Protection - Skin/hand information information was modified.
Section 13: Standard Phrase Category Waste GHS 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.
Section 8: Occupational exposure limit table information was added.
Section 12: Classification Warning information was added.
Section 11: Classification disclaimer information was added.
Section 11: Aspiration Hazard text information was added.
Section 8: 8.1.1 Biological limit values table heading information was added.
Section 8: BLV information was added.
Section 11: Respiratory Sensitization table - Name heading information was added.

Section 11: Respiratory Sensitization table - Species heading information was added.
Section 11: Respiratory Sensitization table - Value heading information was added.
Section 11: Skin Sensitization table - Name heading information was added.
Section 11: Skin Sensitization table - Species heading information was added.
Section 11: Skin Sensitization table - Value heading information was added.
Section 11: Serious Eye Damage/Irritation table - Name heading information was added.
Section 11: Serious Eye Damage/Irritation table - Species heading information was added.
Section 11: Serious Eye Damage/Irritation table - Value heading information was added.
Section 11: Skin Corrosion/Irritation table - Name heading information was added.
Section 11: Skin Corrosion/Irritation table - Species heading information was added.
Section 11: Skin Corrosion/Irritation table - Value heading information was added.
Section 11: Germ Cell Mutagenicity table - Name heading information was added.
Section 11: Germ Cell Mutagenicity table - Route heading information was added.
Section 11: Germ Cell Mutagenicity table - Value heading information was added.
Section 11: Specific Target Organ Toxicity - repeated exposure table - Name heading information was added.
Section 11: Specific Target Organ Toxicity - repeated exposure table - Route heading information was added.
Section 11: Specific Target Organ Toxicity - repeated exposure table - Target Organ(s) heading information was added.
Section 11: Specific Target Organ Toxicity - repeated exposure table - Value heading information was added.
Section 11: Specific Target Organ Toxicity - repeated exposure table - Species heading information was added.
Section 11: Specific Target Organ Toxicity - repeated exposure table - Test Result heading information was added.
Section 11: Specific Target Organ Toxicity - repeated exposure table - Exposure Duration heading information was added.
Section 11: Specific Target Organ Toxicity - single exposure table - Name heading information was added.
Section 11: Specific Target Organ Toxicity - single exposure table - Route heading information was added.
Section 11: Specific Target Organ Toxicity - single exposure table - Target Organ(s) heading information was added.
Section 11: Specific Target Organ Toxicity - single exposure table - Value heading information was added.
Section 11: Specific Target Organ Toxicity - single exposure table - Species heading information was added.
Section 11: Specific Target Organ Toxicity - single exposure table - Test Result heading information was added.
Section 11: Specific Target Organ Toxicity - single exposure table - Exposure Duration heading information was added.
Section 11: Reproductive and/or Developmental Effects table - Name heading information was added.
Section 11: Reproductive and/or Developmental Effects table - Route heading information was added.
Section 11: Reproductive and/or Developmental Effects table - Value heading information was added.
Section 11: Reproductive and/or Developmental Effects table - Species heading information was added.
Section 11: Reproductive and/or Developmental Effects table - Test Result heading information was added.
Section 11: Reproductive and/or Developmental Effects text information was added.
Section 11: Carcinogenicity table - Name heading information was added.
Section 11: Carcinogenicity table - Route heading information was added.
Section 11: Carcinogenicity table - Species heading information was added.
Section 11: Carcinogenicity table - Value heading information was added.
Section 8: glove data - Material heading information was added.
Section 8: glove data - Thickness heading information was added.
Section 8: glove data - Breakthrough Time heading information was added.
Section 8: glove data value information was added.
Section 03: Reference to H statement explanation in Section 016 information was added.
Section 8: Skin protection - recommended gloves information information was deleted.
Risk phrase information was deleted.
Safety phrase information was deleted.
Section 2: Contains heading information was deleted.
Section 2: Safety phrases heading information was deleted.
Section 16: List of relevant R-phrases information was deleted.
Section 2: Label ingredient information information was deleted.
Section 2: Indication of danger heading information was deleted.
Section 16: List of relevant R phrase information information was deleted.
Section 2: Risk phrases heading information was deleted.
Section 2: Indication of danger information information was deleted.
Section 2: Special provisions concerning the labelling of certain substances heading information was deleted.
Section 2: Additional label requirements phrase information was deleted.

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Label: CLP Percent Unknown information was deleted.
Section 11: Aspiration Hazard Table information was deleted.
Section 11: Classification disclaimer information was deleted.
Section 11: Exposure Duration table heading information was deleted.
Section 11: Test Result table heading information was deleted.
Section 3: Reference to R and H statement explanation in Section 16 information was deleted.
Section 12: Classification Warning information was deleted.
Section 2: 2.2 & 2.3. DSD/DPD heading information was deleted.
Section 2: R phrase reference information was deleted.
Label: Graphic information was deleted.
Label: Graphic information was deleted.
Label: Graphic Text information was deleted.

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