# Safety Data Sheet

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|---|---|---|---|
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| **Revision Date:** | 05/02/2026 | **Supersedes Date:** | 22/08/2025 |
| **Transportation version number:** | | | |

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

**1.1. Product identifier**
Scotch® Glue Extra Strong

**Product Identification Numbers**
UU-0141-4850-4

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

**Identified uses**
Adhesive

**1.3. Details of the supplier of the safety data sheet**

| | |
|---|---|
| **ADDRESS:** | 3M Israel, 91 Medinat Ha'Yehudim Street, Herzeliya 46120 |
| **Telephone:** | 09-961 5000 |
| **E Mail:** | innovation.il@mmm.com |
| **Website:** | www.3M.com/il |

**1.4. Emergency telephone number**
09-961 5000

## SECTION 2: Hazard identification

**2.1. Classification of the substance or mixture**
**CLP REGULATION (EC) No 1272/2008**

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

**CLASSIFICATION:**
Flammable Liquid, Category 2 - Flam. Liq. 2; H225
Serious Eye Damage/Eye Irritation, Category 2 - Eye Irrit. 2; H319
Specific Target Organ Toxicity-Single Exposure, Category 3 - STOT SE 3; H336

For full text of H phrases, see Section 16.

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

**SIGNAL WORD**
Danger

**Symbols:**
GHS02 (Flame) |GHS07 (Exclamation mark) |

**Pictograms**



**Ingredients:**

| Ingredient | C.A.S. No. | EC No. | % by Wt |
|---|---|---|---|
| Methyl Ethyl Ketone | 78-93-3 | 201-159-0 | 40 - 70 |

**HAZARD STATEMENTS:**

| | |
|---|---|
| H225 | Highly flammable liquid and vapor. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |

**PRECAUTIONARY STATEMENTS**
**General:**

| | |
|---|---|
| P102 | Keep out of reach of children. |

**Prevention:**

| | |
|---|---|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P261A | Avoid breathing vapors. |
| P280B | Wear protective gloves, eye protection, and face protection. |

**Storage:**

| | |
|---|---|
| P405 | Store locked up. |

**Disposal:**

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

**SUPPLEMENTAL INFORMATION:**

**Supplemental Hazard Statements:**

| | |
|---|---|
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| EUH205 | Contains epoxy constituents. May produce an allergic reaction. |

40% of the mixture consists of components of unknown acute oral toxicity.

Contains 9% of components with unknown hazards to the aquatic environment.

**2.3. Other hazards**

None known
This material does not contain any substances that are assessed to be a PBT or vPvB

## SECTION 3: Composition/information on ingredients

**3.1. Substances**
Not applicable

**3.2. Mixtures**

| Ingredient | Identifier(s) | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|---|---|
| Methyl Ethyl Ketone | (CAS-No.) 78-93-3<br>(EC-No.) 201-159-0 | 40 - 70 | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336<br>EUH066 |
| 2-Butenedioic acid (2E)-, polymer with chloroethene and ethenyl acetate | (CAS-No.) 32650-26-3 | 15 - 40 | Substance not classified as hazardous |
| Polyurethane Resin | None | 7 - 13 | Substance not classified as hazardous |
| Bisphenol A Diglycidyl Ether | (CAS-No.) 1675-54-3<br>(EC-No.) 216-823-5 | < 1 | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317<br>Aquatic Chronic 2, H411 |

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

**Specific Concentration Limits**

| Ingredient | Identifier(s) | Specific Concentration Limits |
|---|---|---|
| Bisphenol A Diglycidyl Ether | (CAS-No.) 1675-54-3<br>(EC-No.) 216-823-5 | (C >= 5%) Skin Irrit. 2, H315<br>(C >= 5%) Eye Irrit. 2, H319 |

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:**
Immediately flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. 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**
The most important symptoms and effects based on the CLP classification include:
Dermal defatting (localized redness, itching, drying and cracking of skin). Serious irritation to the eyes (significant redness, swelling, pain, tearing, and impaired vision). Central nervous system depression (headache, dizziness, drowsiness, incoordination, nausea, slurred speech, giddiness, and unconsciousness).

**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**

| Substance | Condition |
|---|---|
| Carbon monoxide | During Combustion |
| Carbon dioxide | During Combustion |

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

## SECTION 6: Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures**
Evacuate area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust 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. Use personal protective equipment based on the results of an exposure assessment. Refer to Section 8 for PPE recommendations. If anticipated exposure resulting from an accidental release exceeds the protective capabilities of the PPE listed in Section 8, or are unknown, select PPE that offers an appropriate level of protection. Consider the physical and chemical hazards of the material when doing so. Examples of PPE ensembles for emergency response could include wearing bunker gear for a release of flammable material; wearing chemical protective clothing if the spilled material is a corrosive, a sensitizer, a significant dermal irritant, or can be absorbed through the skin; or donning a positive pressure supplied-air respirator for chemicals with inhalation hazards. For information regarding physical and health hazards, refer to sections 2 and 11 of the SDS.

**6.2. Environmental precautions**
Avoid release to the environment. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water.

**6.3. Methods and material for containment and cleaning up**
Contain spill. Cover spill area with a fire extinguishing foam that is resistant to polar solvents. 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 authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and SDS. Seal the container. Dispose of collected material as soon as possible in accordance with applicable

local/regional/national/international regulations.

**6.4. Reference to other sections**
Refer to Section 8 and Section 13 for more information

## SECTION 7: Handling and storage

**7.1. Precautions for safe handling**
Keep out of reach of children. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapors/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 oxidizing agents (eg. chlorine, chromic acid etc.) Wear low static or properly grounded shoes. 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. Store away from heat. Store away from acids. Store away from oxidizing agents.

**7.3. Specific end use(s)**
See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

## SECTION 8: Exposure controls/personal protection

**8.1. Control parameters**

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

| Ingredient | C.A.S. No. | Agency | Limit type | Additional Comments |
|---|---|---|---|---|
| Methyl Ethyl Ketone | 78-93-3 | ACGIH | TWA:75 ppm;STEL:150 ppm | Danger of cutaneous absorption |

ACGIH : American Conference of Governmental Industrial Hygienists
CMRG : Chemical Manufacturer's Recommended Guidelines
TWA: Time-Weighted-Average
STEL: Short Term Exposure Limit
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/vapors/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

**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.

For prolonged or repeated contact, gloves made from the following material(s) are recommended (breakthrough times are >4 hours): Polymer laminate, Polyvinyl Alcohol (PVA)

Any glove recommended for prolonged/repeated contact is also suitable for short-term/splash contact.

If this product is used in a manner that presents a higher potential for exposure (e.g., spraying, high splash potential, etc.), then use of a protective apron may be necessary. See recommended glove material(s) for determining appropriate apron material(s). If a glove material is not available as an apron, polymer laminate is a suitable option.

**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.

## SECTION 9: Physical and chemical properties

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

| | |
|---|---|
| **Physical state** | Liquid |
| **Color** | Colorless |
| **Odor** | Ketones |
| **Odor threshold** | *No Data Available* |
| **Melting point/freezing point** | *Not Applicable* |
| **Boiling point/boiling range** | 80 ºC |
| **Flammability** | Flammable Liquid: Category 2. |
| **Flammable Limits(LEL)** | *No Data Available* |
| **Flammable Limits(UEL)** | *No Data Available* |
| **Flash Point** | 3 ºC [*Test Method:*Closed Cup] |
| **Autoignition temperature** | 516 ºC |
| **Decomposition temperature** | *No Data Available* |
| **pH** | *substance/mixture is non-soluble (in water)* |
| **Kinematic Viscosity** | 9,677 mm2/sec |
| **Water solubility** | *No Data Available* |
| **Solubility- non-water** | *No Data Available* |
| **Partition coefficient: n-octanol/ water** | *No Data Available* |
| **Vapor Pressure** | 9583 Pa [*Details:*at 20C] |
| **Density** | 0.93 - 0.96 g/ml [*Details:*at 23C] |
| **Relative Density** | 0.93 - 0.96 [*Ref Std:*WATER=1] |
| **Relative Vapor Density** | *No Data Available* |
| **Particle Characteristics** | *Not Applicable* |

**9.2. Other information**

**9.2.2 Other safety characteristics**

| | |
|---|---|
| **EU Volatile Organic Compounds** | *No Data Available* |
| **Evaporation rate** | *No Data Available* |

## 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 polymerization will not occur.

**10.4. Conditions to avoid**
Heat
Direct sunlight

**10.5. Incompatible materials**
Strong acids

**10.6. Hazardous decomposition products**

| Substance | Condition |
|---|---|
| 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 internal hazard assessments.**

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

**Signs and Symptoms of Exposure**

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

**Inhalation:**
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:**
Contact with the skin during product use is not expected to result in significant irritation. Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

**Eye Contact:**

Severe Eye Irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

**Ingestion:**
May be harmful if swallowed.
Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

May cause additional health effects (see below).

**Additional Health Effects:**

**Single exposure may cause target organ effects:**
Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

**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-Vapor(4 hr) | | No data available; calculated ATE >50 mg/l |
| Overall product | Ingestion | | No data available; calculated ATE >2,000 - =5,000 mg/kg |
| Methyl Ethyl Ketone | Dermal | Rabbit | LD50 > 8,050 mg/kg |
| Methyl Ethyl Ketone | Inhalation-Vapor (4 hours) | Rat | LC50 34.5 mg/l |
| Methyl Ethyl Ketone | Ingestion | Rat | LD50 2,737 mg/kg |
| Bisphenol A Diglycidyl Ether | Dermal | Rat | LD50 > 1,600 mg/kg |
| Bisphenol A Diglycidyl Ether | Ingestion | Rat | LD50 > 1,000 mg/kg |

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

| Name | Species | Value |
|---|---|---|
| Methyl Ethyl Ketone | Rabbit | Minimal irritation |
| Bisphenol A Diglycidyl Ether | Rabbit | Mild irritant |

**Serious Eye Damage/Irritation**

| Name | Species | Value |
|---|---|---|
| Methyl Ethyl Ketone | Rabbit | Severe irritant |
| Bisphenol A Diglycidyl Ether | Rabbit | Moderate irritant |

**Skin Sensitization**

| Name | Species | Value |
|---|---|---|
| Bisphenol A Diglycidyl Ether | Human and animal | Sensitizing |

**Respiratory Sensitization**

| Name | Species | Value |
|---|---|---|
| Bisphenol A Diglycidyl Ether | Human | Not classified |

### Germ Cell Mutagenicity

| Name | Route | Value |
|---|---|---|
| Methyl Ethyl Ketone | In Vitro | Not mutagenic |
| Bisphenol A Diglycidyl Ether | In vivo | Not mutagenic |
| Bisphenol A Diglycidyl Ether | In Vitro | Some positive data exist, but the data are not sufficient for classification |

### Carcinogenicity

| Name | Route | Species | Value |
|---|---|---|---|
| Methyl Ethyl Ketone | Inhalation | Human | Not carcinogenic |
| Bisphenol A Diglycidyl Ether | Dermal | Mouse | 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 |
|---|---|---|---|---|---|
| Methyl Ethyl Ketone | Inhalation | Not classified for development | Rat | LOAEL 8.8 mg/l | during gestation |
| Bisphenol A Diglycidyl Ether | Ingestion | Not classified for female reproduction | Rat | NOAEL 750 mg/kg/day | 2 generation |
| Bisphenol A Diglycidyl Ether | Ingestion | Not classified for male reproduction | Rat | NOAEL 750 mg/kg/day | 2 generation |
| Bisphenol A Diglycidyl Ether | Dermal | Not classified for development | Rabbit | NOAEL 300 mg/kg/day | during organogenesis |
| Bisphenol A Diglycidyl Ether | Ingestion | Not classified for development | Rat | NOAEL 750 mg/kg/day | 2 generation |

### Target Organ(s)

### Specific Target Organ Toxicity - single exposure

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|---|---|---|---|---|---|---|
| Methyl Ethyl Ketone | Inhalation | central nervous system depression | May cause drowsiness or dizziness | official classification | NOAEL Not available | |
| Methyl Ethyl Ketone | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | Human | NOAEL Not available | |
| Methyl Ethyl Ketone | Ingestion | central nervous system depression | May cause drowsiness or dizziness | Professional judgement | NOAEL Not available | |
| Methyl Ethyl Ketone | Ingestion | liver | Not classified | Rat | NOAEL Not available | not applicable |
| Methyl Ethyl Ketone | Ingestion | kidney and/or bladder | Not classified | Rat | LOAEL 1,080 mg/kg | not applicable |
| Bisphenol A Diglycidyl Ether | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL Not available | |

### Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|---|---|---|---|---|---|---|
| Methyl Ethyl Ketone | Dermal | nervous system | Not classified | Guinea pig | NOAEL Not available | 31 weeks |
| Methyl Ethyl Ketone | Inhalation | liver \| kidney and/or bladder \| heart \| endocrine system \| gastrointestinal tract \| bone, teeth, nails, and/or hair \| | Not classified | Rat | NOAEL 14.7 mg/l | 90 days |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | hematopoietic system \| immune system \| muscles | | | | |
| Methyl Ethyl Ketone | Ingestion | liver | Not classified | Rat | NOAEL Not available | 7 days |
| Methyl Ethyl Ketone | Ingestion | nervous system | Not classified | Rat | NOAEL 173 mg/kg/day | 90 days |
| Bisphenol A Diglycidyl Ether | Dermal | liver | Not classified | Rat | NOAEL 1,000 mg/kg/day | 2 years |
| Bisphenol A Diglycidyl Ether | Dermal | nervous system | Not classified | Rat | NOAEL 1,000 mg/kg/day | 13 weeks |
| Bisphenol A Diglycidyl Ether | Ingestion | auditory system \| heart \| endocrine system \| hematopoietic system \| liver \| eyes \| kidney and/or bladder | Not classified | Rat | NOAEL 1,000 mg/kg/day | 28 days |

**Aspiration Hazard**
For the component/components, either no data are currently available or 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.**

**11.2. Information on other hazards**

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

## SECTION 12: Ecological information

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

**12.1. Toxicity**

No product test data available

| Material | CAS # | Organism | Type | Exposure | Test Endpoint | Test Result |
|---|---|---|---|---|---|---|
| Methyl Ethyl Ketone | 78-93-3 | Fathead Minnow | Experimental | 96 hours | LC50 | 2,993 mg/l |
| Methyl Ethyl Ketone | 78-93-3 | Green algae | Experimental | 96 hours | ErC50 | 2,029 mg/l |
| Methyl Ethyl Ketone | 78-93-3 | Water flea | Experimental | 48 hours | EC50 | 308 mg/l |
| Methyl Ethyl Ketone | 78-93-3 | Green algae | Experimental | 96 hours | ErC10 | 1,289 mg/l |
| Methyl Ethyl Ketone | 78-93-3 | Water flea | Experimental | 21 days | NOEC | 100 mg/l |
| Methyl Ethyl Ketone | 78-93-3 | Bacteria | Experimental | 16 hours | LOEC | 1,150 mg/l |
| 2-Butenedioic acid (2E)-, polymer with chloroethene and ethenyl acetate | 32650-26-3 | N/A | Data not available or insufficient for classification | N/A | N/A | N/A |
| Bisphenol A Diglycidyl Ether | 1675-54-3 | Activated sludge | Analogous Compound | 3 hours | IC50 | >100 mg/l |

| | | | | | | |
|---|---|---|---|---|---|---|
| Bisphenol A Diglycidyl Ether | 1675-54-3 | Rainbow Trout | Estimated | 96 hours | LC50 | 2 mg/l |
| Bisphenol A Diglycidyl Ether | 1675-54-3 | Water flea | Estimated | 48 hours | EC50 | 1.8 mg/l |
| Bisphenol A Diglycidyl Ether | 1675-54-3 | Green algae | Experimental | 72 hours | ErC50 | >11 mg/l |
| Bisphenol A Diglycidyl Ether | 1675-54-3 | Green algae | Experimental | 72 hours | NOEC | 4.2 mg/l |
| Bisphenol A Diglycidyl Ether | 1675-54-3 | Water flea | Experimental | 21 days | NOEC | 0.3 mg/l |

### 12.2. Persistence and degradability

| Material | CAS No. | Test Type | Duration | Study Type | Test Result | Protocol |
|---|---|---|---|---|---|---|
| Methyl Ethyl Ketone | 78-93-3 | Experimental Biodegradation | 28 days | Biological Oxygen Demand | 98 %BOD/ThOD | OECD 301D - Closed Bottle Test |
| 2-Butenedioic acid (2E)-, polymer with chloroethene and ethenyl acetate | 32650-26-3 | Data not availbl-insufficient | N/A | N/A | N/A | N/A |
| Bisphenol A Diglycidyl Ether | 1675-54-3 | Experimental Biodegradation | 28 days | Biological Oxygen Demand | 5 %BOD/COD | OECD 301F - Manometric Respiro |
| Bisphenol A Diglycidyl Ether | 1675-54-3 | Experimental Hydrolysis | | Hydrolytic half-life (pH 7) | 117 hours (t 1/2) | OECD 111 Hydrolysis func of pH |

### 12.3. Bioaccumulative potential

| Material | Cas No. | Test Type | Duration | Study Type | Test Result | Protocol |
|---|---|---|---|---|---|---|
| Methyl Ethyl Ketone | 78-93-3 | Experimental Bioconcentration | | Log of Octanol/H2O part. coeff | 0.3 | OECD 117 log Kow HPLC method |
| 2-Butenedioic acid (2E)-, polymer with chloroethene and ethenyl acetate | 32650-26-3 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Bisphenol A Diglycidyl Ether | 1675-54-3 | Experimental Bioconcentration | | Log of Octanol/H2O part. coeff | 3.242 | OECD 117 log Kow HPLC method |

### 12.4. Mobility in soil

| Material | Cas No. | Test Type | Study Type | Test Result | Protocol |
|---|---|---|---|---|---|
| Bisphenol A Diglycidyl Ether | 1675-54-3 | Modeled Mobility in Soil | Koc | 450 l/kg | Episuite™ |

### 12.5. Results of the PBT and vPvB assessment

This material does not contain any substances that are assessed to be a PBT or vPvB

### 12.6. Endocrine disrupting properties

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

### 12.7. Other adverse effects

No information available

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

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

Incinerate in a permitted waste incineration facility. As a disposal alternative, utilize an acceptable permitted waste disposal

facility. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of 3M, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/CE and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor

**EU waste code (product as sold)**

| | |
|---|---|
| 080409* | Waste adhesives and sealants containing organic solvents or other dangerous substances |
| 200127* | Paint, inks, adhesives and resins containing dangerous substances |

## SECTION 14: Transportation information

| | Ground Transport (ADR) | Air Transport (IATA) | Marine Transport (IMDG) |
|---|---|---|---|
| **14.1 UN number or ID number** | UN1133 | UN1133 | UN1133 |
| **14.2 UN proper shipping name** | ADHESIVES | ADHESIVES | ADHESIVES |
| **14.3 Transport hazard class(es)** | 3 | 3 | 3 |
| **14.4 Packing group** | II | II | II |
| **14.5 Environmental hazards** | Not Environmentally Hazardous | Not applicable | Not a Marine Pollutant |
| **14.6 Special precautions for user** | Please refer to the other sections of the SDS for further information. | Please refer to the other sections of the SDS for further information. | Please refer to the other sections of the SDS for further information. |
| **14.7 Marine Transport in bulk according to IMO instruments** | No Data Available | No Data Available | No Data Available |
| **Control Temperature** | No Data Available | No Data Available | No Data Available |
| **Emergency Temperature** | No Data Available | No Data Available | No Data Available |
| **ADR Classification Code** | F1 | Not Applicable | Not Applicable |
| **IMDG Segregation Code** | Not Applicable | Not Applicable | NONE |

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

## SECTION 15: Regulatory information

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

**Carcinogenicity**

| Ingredient | C.A.S. No. | Classification | Regulation |
|---|---|---|---|
| Bisphenol A Diglycidyl Ether | 1675-54-3 | Gr. 3: Not classifiable | International Agency for Research on Cancer |

**Global inventory status**
Contact 3M for more information.

**DIRECTIVE 2012/18/EU**
Seveso hazard categories, Annex 1, Part 1

| Hazard Categories | Qualifying quantity (tonnes) for the application of | |
|---|---|---|
| | Lower-tier requirements | Upper-tier requirements |
| P5c FLAMMABLE LIQUIDS* | 5000 | 50000 |

*If maintained at a temperature above its boiling point or if particular processing conditions, such as high pressure or high temperature, may create major-accident hazards, P5a or P5b FLAMMABLE LIQUIDS may apply

Seveso named dangerous substances, Annex 1, Part 2
None

**Regulation (EU) No 649/2012**
No chemicals listed

## SECTION 16: Other information

**List of relevant H statements**

| | |
|---|---|
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| H225 | Highly flammable liquid and vapor. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |
| H411 | Toxic to aquatic life with long lasting effects. |

**Revision information:**
Section 02: Label Elements: CLP Precautionary - Prevention information was modified.
Section 06: Accidental release personal information information was modified.
Section 08: Appropriate Engineering controls information information was modified.
Section 09: Vapor pressure value information was modified.
Section 11: Target Organs - Single Table information was modified.

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.

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