# Safety Data Sheet



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| **Document group:** | 31-5717-9 | **Version number:** | 2.01 |
| **Revision date:** | 16/05/2025 | **Supersedes date:** | 19/01/2024 |

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
Scotch® Glue Stick Classic

**Product Identification Numbers**

| | | | | |
|---|---|---|---|---|
| UU-0031-6741-6 | UU-0082-9495-9 | UU-0082-9513-9 | UU-0082-9514-7 | XA-0065-1041-7 |
| 7100078269 | 7100115379 | 7100115512 | 7100115623 | 7100193706 |

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

**Identified uses**
Product

### 1.3. Details of the supplier of the safety data sheet
**Address:** 3M Ireland Limited, 70 SIR JOHN ROGERSON'S QUAY, D02R296 DUBLIN 2
**Telephone:** +353 1 280 3555
**E Mail:** ner-productstewardship@mmm.com
**Website:** www.3M.com

### 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**

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.
A similar mixture has been tested for eye damage/irritation and the test results do not meet the criteria for classification.
A similar mixture has been tested for skin corrosion/irritation and the test results do not meet the criteria for classification.

**CLASSIFICATION:**
This material is not classified as hazardous according to Regulation (EC) No. 1272/2008, as amended, on classification,

labelling, and packaging of substances and mixtures.

**2.2. Label elements**
**CLP REGULATION (EC) No 1272/2008**
Not applicable

**Information required per Regulation (EU) No 528/2012 on Biocidal Products:**
Contains a biocidal product (preservative): IPBC. Risk of skin sensitization.

**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] |
|---|---|---|---|
| Water | (CAS-No.) 7732-18-5<br>(EC-No.) 231-791-2 | 40 - 55 | Substance not classified as hazardous |
| Sucrose | (CAS-No.) 57-50-1<br>(EC-No.) 200-334-9 | < 25 | Substance with a national occupational exposure limit |
| 2-Propenoic acid, 2-methyl-, polymer with butyl 2-propenoate, methyl 2-methyl-2-propenoate and methyl 2-propenoate | (CAS-No.) 67846-38-2 | 5 - 15 | Substance not classified as hazardous |
| Sodium stearate | (CAS-No.) 822-16-2<br>(EC-No.) 212-490-5 | 3 - 7 | Aquatic Chronic 3, H412 |
| n-Vinylpyrrolidinone polymer | (CAS-No.) 9003-39-8 | < 7 | Substance not classified as hazardous |
| Glycerol | (CAS-No.) 56-81-5<br>(EC-No.) 200-289-5 | < 5 | Substance with a national occupational exposure limit |
| 2-amino-2-methylpropanol | (CAS-No.) 124-68-5<br>(EC-No.) 204-709-8<br>(REACH-No.) 01-2119475788-16 | < 1 | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Aquatic Chronic 3, H412 |
| sodium hydroxide | (CAS-No.) 1310-73-2<br>(EC-No.) 215-185-5 | < 1 | Skin Corr. 1A, H314<br>Eye Dam. 1, H318<br>Met. Corr. 1, H290 |
| 3-iodo-2-propynyl butylcarbamate | (CAS-No.) 55406-53-6<br>(EC-No.) 259-627-5 | < 0.05 | Acute Tox. 3, H331<br>Acute Tox. 4, H302<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>STOT RE 1, H372 |

| | | | |
|---|---|---|---|
| | | | Aquatic Acute 1, H400,M=10<br>Aquatic Chronic 1, H410,M=1 |

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 |
|---|---|---|
| sodium hydroxide | (CAS-No.) 1310-73-2<br>(EC-No.) 215-185-5 | (C >= 5%) Skin Corr. 1A, H314<br>(2% =< C < 5%) Skin Corr. 1B, H314<br>(0.5% =< C < 2%) Skin Irrit. 2, H315<br>(C >= 2%) Eye Dam. 1, H318<br>(0.5% =< C < 2%) 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 are concerned, get medical advice.

**Skin contact**
Wash with soap and water. If you are concerned, get medical advice.

**Eye contact**
No need for first aid is anticipated. If signs/symptoms persist, get medical attention.

**If swallowed**
Rinse mouth. If you are concerned, get medical advice.

**4.2. Most important symptoms and effects, both acute and delayed**
No critical symptoms or effects. 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 | Condition |
|---|---|
| Hydrocarbons. | During combustion. |
| Carbon monoxide | During combustion. |
| Carbon dioxide. | During combustion. |

**5.3. Advice for fire-fighters**

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**
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. Evacuate area. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice.

**6.2. Environmental precautions**
Avoid release to the environment.

**6.3. Methods and material for containment and cleaning up**
Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue. 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**
Keep out of reach of children. Do not handle until all safety precautions have been read and understood. 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. Use personal protective equipment (eg. gloves, respirators…) as required.

**7.2. Conditions for safe storage including any incompatibilities**
Store away from heat.

**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 |
|---|---|---|---|---|
| sodium hydroxide | 1310-73-2 | Ireland OELs | STEL(15 minutes):2 mg/m3 | |
| DUST, INERT OR NUISANCE | 56-81-5 | Ireland OELs | TWA(Total inhalable dust)(8 hours):10 mg/m3;TWA(as respirable dust)(8 hours):4 mg/m3 | |
| Sucrose | 57-50-1 | Ireland OELs | TWA(8 hours):10 | |

| | | | |
|---|---|---|---|
| | | | mg/m3;STEL(15 minutes):20 mg/m3 |
| STEARATES | 822-16-2 | Ireland OELs | TWA(8 hours):10 mg/m3 |

Ireland OELs : Ireland. OELs
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.

**Recommended monitoring procedures:**Information on recommended monitoring procedures can be obtained from Indust. Inspect./Ministry (IE)

**8.2. Exposure controls**

**8.2.1. Engineering controls**
No engineering controls required.

**8.2.2. Personal protective equipment (PPE)**

**Eye/face protection**
None required.

**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.
Gloves made from the following material(s) are recommended:

| Material | Thickness (mm) | Breakthrough Time |
|---|---|---|
| Neoprene. | 0.5 | =>8 hours |
| Nitrile rubber. | 0.35 | =>8 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.

*Applicable Norms/Standards*
Use gloves tested to EN 374

**Respiratory protection**
None required.

## SECTION 9: Physical and chemical properties

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

| | |
|---|---|
| **Physical state** | Solid. |
| **Specific Physical Form:** | solid |
| **Colour** | White |
| **Odor** | Characteristic Odour |
| **Odour threshold** | *No data available.* |
| **Melting point/freezing point** | >=52 ºC |
| **Boiling point/boiling range** | 100 ºC |
| **Flammability** | Not applicable. |

| | |
|---|---|
| **Flammable Limits(LEL)** | *Not applicable.* |
| **Flammable Limits(UEL)** | *Not applicable.* |
| **Flash point** | No flash point |
| **Autoignition temperature** | *Not applicable.* |
| **Decomposition temperature** | *No data available.* |
| **pH** | 10.3 - 12 |
| **Kinematic Viscosity** | 8,333 - 31,579 mm²/sec |
| **Water solubility** | 80 - 100 % |
| **Solubility- non-water** | *No data available.* |
| **Partition coefficient: n-octanol/water** | *No data available.* |
| **Vapour pressure** | *No data available.* |
| **Density** | 0.95 - 1.2 g/cm3 |
| **Relative density** | *Not applicable.* |
| **Relative Vapour Density** | *Not applicable.* |
| **Particle Characteristics** | *Not applicable.* |

**9.2. Other information**

**9.2.2 Other safety characteristics**

| | |
|---|---|
| **EU Volatile Organic Compounds** | 0.05 % |
| **Evaporation rate** | *No data available.* |
| **Percent volatile** | *No data available.* |

## SECTION 10: Stability and reactivity

**10.1 Reactivity**
This material is considered to be non reactive under normal use conditions

**10.2 Chemical stability**
Stable.

**10.3 Possibility of hazardous reactions**
Hazardous polymerisation will not occur.

**10.4 Conditions to avoid**
High shear and high temperature conditions
Temperatures above the boiling point.

**10.5 Incompatible materials**
None known.

**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**
No known health effects. This product may have a characteristic odour; however, no adverse health effects are anticipated.

**Skin contact**
Contact with the skin during product use is not expected to result in significant irritation.

**Eye contact**
Contact with the eyes during product use is not expected to result in significant irritation.

**Ingestion**
May cause additional health effects (see below).

**Additional Health Effects:**

**Reproductive/Developmental Toxicity:**
Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

**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 | Ingestion | | No data available; calculated ATE >5,000 mg/kg |
| Sucrose | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| Sucrose | Ingestion | Rat | LD50 29,700 mg/kg |
| n-Vinylpyrrolidinone polymer | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| n-Vinylpyrrolidinone polymer | Inhalation-Dust/Mist (4 hours) | Rat | LC50 > 5.2 mg/l |
| n-Vinylpyrrolidinone polymer | Ingestion | Rat | LD50 100,000 mg/kg |
| Sodium stearate | Dermal | similar compounds | LD50 > 2,000 mg/kg |
| Sodium stearate | Ingestion | similar compounds | LD50 > 2,000 mg/kg |
| Glycerol | Dermal | Rabbit | LD50 estimated to be > 5,000 mg/kg |
| Glycerol | Ingestion | Rat | LD50 > 5,000 mg/kg |
| 2-amino-2-methylpropanol | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| 2-amino-2-methylpropanol | Ingestion | Rat | LD50 2,900 mg/kg |
| 3-iodo-2-propynyl butylcarbamate | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| 3-iodo-2-propynyl butylcarbamate | Inhalation-Dust/Mist (4 hours) | Rat | LC50 0.67 mg/l |
| 3-iodo-2-propynyl butylcarbamate | Ingestion | Rat | LD50 1,056 mg/kg |

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

| Name | Species | Value |
|---|---|---|
| Overall product | Professional judgement | No significant irritation |
| n-Vinylpyrrolidinone polymer | Rabbit | No significant irritation |
| Sodium stearate | similar compounds | No significant irritation |
| Glycerol | Rabbit | No significant irritation |
| 2-amino-2-methylpropanol | Rabbit | Irritant |
| sodium hydroxide | Rabbit | Corrosive |
| 3-iodo-2-propynyl butylcarbamate | Rabbit | Minimal irritation |

**Serious Eye Damage/Irritation**

| Name | Species | Value |
|---|---|---|
| Overall product | Professional judgement | No significant irritation |
| Sodium stearate | similar compounds | No significant irritation |
| Glycerol | Rabbit | No significant irritation |
| 2-amino-2-methylpropanol | Rabbit | Corrosive |
| sodium hydroxide | Rabbit | Corrosive |
| 3-iodo-2-propynyl butylcarbamate | Rabbit | Corrosive |

**Skin Sensitisation**

| Name | Species | Value |
|---|---|---|
| n-Vinylpyrrolidinone polymer | Human | Not classified |
| Sodium stearate | similar compounds | Not classified |
| Glycerol | Guinea pig | Not classified |
| 2-amino-2-methylpropanol | Guinea pig | Not classified |
| sodium hydroxide | Human | Not classified |
| 3-iodo-2-propynyl butylcarbamate | Multiple animal species | Sensitising |

**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 |
|---|---|---|
| n-Vinylpyrrolidinone polymer | In Vitro | Not mutagenic |
| Sodium stearate | In Vitro | Not mutagenic |
| 2-amino-2-methylpropanol | In Vitro | Not mutagenic |
| 2-amino-2-methylpropanol | In vivo | Not mutagenic |
| sodium hydroxide | In Vitro | Not mutagenic |
| 3-iodo-2-propynyl butylcarbamate | In Vitro | Not mutagenic |
| 3-iodo-2-propynyl butylcarbamate | In vivo | Not mutagenic |

**Carcinogenicity**

| Name | Route | Species | Value |
|---|---|---|---|
| n-Vinylpyrrolidinone polymer | Ingestion | Rat | Not carcinogenic |
| Glycerol | Ingestion | Mouse | Some positive data exist, but the data are not sufficient for classification |
| 3-iodo-2-propynyl butylcarbamate | Ingestion | 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 |
|---|---|---|---|---|---|
| n-Vinylpyrrolidinone polymer | Ingestion | Not classified for development | Rat | NOAEL 5,000 mg/kg/day | during gestation |
| Glycerol | Ingestion | Not classified for female reproduction | Rat | NOAEL 2,000 mg/kg/day | 2 generation |
| Glycerol | Ingestion | Not classified for male reproduction | Rat | NOAEL 2,000 mg/kg/day | 2 generation |
| Glycerol | Ingestion | Not classified for development | Rat | NOAEL 2,000 mg/kg/day | 2 generation |
| 2-amino-2-methylpropanol | Ingestion | Not classified for female reproduction | Rat | NOAEL 1,000 mg/kg/day | premating into lactation |
| 2-amino-2-methylpropanol | Ingestion | Not classified for male reproduction | Rat | NOAEL 1,000 mg/kg/day | 37 days |
| 2-amino-2-methylpropanol | Dermal | Not classified for development | Rat | NOAEL 300 mg/kg/day | during gestation |
| 2-amino-2-methylpropanol | Ingestion | Toxic to development | Rat | NOAEL 100 mg/kg/day | premating into lactation |
| 3-iodo-2-propynyl butylcarbamate | Ingestion | Not classified for female reproduction | Rat | NOAEL 37.5 mg/kg/day | 2 generation |
| 3-iodo-2-propynyl butylcarbamate | Ingestion | Not classified for male reproduction | Rat | NOAEL 37.5 mg/kg/day | 2 generation |
| 3-iodo-2-propynyl butylcarbamate | Ingestion | Not classified for development | Rat | NOAEL 50 mg/kg/day | during organogenesis |

## Target Organ(s)

### Specific Target Organ Toxicity - single exposure

| Name | Route | Target Organ(s) | Value | Species | Test result | Exposure Duration |
|---|---|---|---|---|---|---|
| 2-amino-2-methylpropanol | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | Mouse | NOAEL Not available | |
| sodium hydroxide | Inhalation | respiratory irritation | May cause respiratory irritation | Human | NOAEL Not available | |
| 3-iodo-2-propynyl butylcarbamate | 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 |
|---|---|---|---|---|---|---|
| Glycerol | Inhalation | respiratory system \| heart \| liver \| kidney and/or bladder | Not classified | Rat | NOAEL 3.91 mg/l | 14 days |
| Glycerol | Ingestion | endocrine system \| hematopoietic system \| liver \| kidney and/or | Not classified | Rat | NOAEL 10,000 mg/kg/day | 2 years |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | bladder | | | | |
| 2-amino-2-methylpropanol | Ingestion | liver | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 23 mg/kg/day | 90 days |
| 2-amino-2-methylpropanol | Ingestion | blood \| eyes \| kidney and/or bladder | Not classified | Dog | NOAEL 2.8 mg/kg/day | 1 years |
| 3-iodo-2-propynyl butylcarbamate | Dermal | skin \| heart \| hematopoietic system \| liver \| eyes \| kidney and/or bladder \| respiratory system | Not classified | Rat | NOAEL 500 mg/kg/day | 90 days |
| 3-iodo-2-propynyl butylcarbamate | Inhalation | respiratory system | Causes damage to organs through prolonged or repeated exposure | Rat | NOAEL 0.00116 mg/l | 90 days |
| 3-iodo-2-propynyl butylcarbamate | Inhalation | heart \| skin \| endocrine system \| gastrointestinal tract \| bone, teeth, nails, and/or hair \| hematopoietic system \| liver \| immune system \| muscles \| nervous system \| eyes \| kidney and/or bladder \| vascular system | Not classified | Rat | NOAEL 0.00625 mg/l | 90 days |
| 3-iodo-2-propynyl butylcarbamate | Ingestion | liver \| hematopoietic system \| eyes | Not classified | Rat | NOAEL 125 mg/kg/day | 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.**

**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 |
|---|---|---|---|---|---|---|
| Sucrose | 57-50-1 | N/A | Data not available or insufficient for classification | N/A | N/A | N/A |
| 2-Propenoic acid, 2-methyl-, polymer with butyl 2-propenoate, methyl 2-methyl-2-propenoate and methyl 2-propenoate | 67846-38-2 | N/A | Data not available or insufficient for classification | N/A | N/A | N/A |
| n-Vinylpyrrolidinone polymer | 9003-39-8 | N/A | Data not available or insufficient for | N/A | N/A | N/A |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | classification | | | |
| Sodium stearate | 822-16-2 | Green algae | Experimental | 72 hours | EC50 | 150 mg/l |
| Sodium stearate | 822-16-2 | Medaka | Experimental | 96 hours | LC50 | >100 mg/l |
| Sodium stearate | 822-16-2 | Water flea | Experimental | 48 hours | EC50 | 19 mg/l |
| Sodium stearate | 822-16-2 | Green algae | Experimental | 72 hours | NOEC | 31 mg/l |
| Sodium stearate | 822-16-2 | Water flea | Experimental | 21 days | NOEC | 0.48 mg/l |
| Glycerol | 56-81-5 | Rainbow trout | Experimental | 96 hours | LC50 | 54,000 mg/l |
| Glycerol | 56-81-5 | Water flea | Experimental | 48 hours | LC50 | 1,955 mg/l |
| Glycerol | 56-81-5 | Bacteria | Experimental | 16 hours | NOEC | 10,000 mg/l |
| 2-amino-2-methylpropanol | 124-68-5 | Bluegill | Experimental | 96 hours | LC50 | 180 mg/l |
| 2-amino-2-methylpropanol | 124-68-5 | Common shrimp | Experimental | 96 hours | LC50 | 170 mg/l |
| 2-amino-2-methylpropanol | 124-68-5 | Diatom | Experimental | 72 hours | ErC50 | >103 mg/l |
| 2-amino-2-methylpropanol | 124-68-5 | Fish | Experimental | 96 hours | LC50 | 175 mg/l |
| 2-amino-2-methylpropanol | 124-68-5 | Green algae | Experimental | 72 hours | ErC50 | >103 mg/l |
| 2-amino-2-methylpropanol | 124-68-5 | Water flea | Experimental | 24 hours | EC50 | 59 mg/l |
| 2-amino-2-methylpropanol | 124-68-5 | Diatom | Experimental | 72 hours | ErC10 | >103 mg/l |
| 2-amino-2-methylpropanol | 124-68-5 | Green algae | Experimental | 72 hours | ErC10 | 68.8 mg/l |
| 2-amino-2-methylpropanol | 124-68-5 | Activated sludge | Experimental | 3 hours | EC50 | 342.9 mg/l |
| sodium hydroxide | 1310-73-2 | N/A | Data not available or insufficient for classification | N/A | N/A | N/A |
| 3-iodo-2-propynyl butylcarbamate | 55406-53-6 | Activated sludge | Experimental | 3 hours | EC50 | 44 mg/l |
| 3-iodo-2-propynyl butylcarbamate | 55406-53-6 | Green algae | Experimental | 72 hours | ErC50 | 0.053 mg/l |
| 3-iodo-2-propynyl butylcarbamate | 55406-53-6 | Rainbow trout | Experimental | 96 hours | LC50 | 0.067 mg/l |
| 3-iodo-2-propynyl butylcarbamate | 55406-53-6 | Water flea | Experimental | 48 hours | LC50 | 0.645 mg/l |
| 3-iodo-2-propynyl butylcarbamate | 55406-53-6 | Fathead minnow | Experimental | 35 days | NOEC | 0.0084 mg/l |
| 3-iodo-2-propynyl butylcarbamate | 55406-53-6 | Green algae | Experimental | 72 hours | ErC10 | 0.013 mg/l |
| 3-iodo-2-propynyl butylcarbamate | 55406-53-6 | Water flea | Experimental | 21 days | NOEC | 0.0499 mg/l |

### 12.2. Persistence and degradability

| Material | CAS Nbr | Test type | Duration | Study Type | Test result | Protocol |
|---|---|---|---|---|---|---|
| Sucrose | 57-50-1 | Data not availbl-insufficient | N/A | N/A | N/A | N/A |
| 2-Propenoic acid, 2-methyl-, polymer with butyl 2-propenoate, methyl 2-methyl-2-propenoate and methyl 2-propenoate | 67846-38-2 | Data not availbl-insufficient | N/A | N/A | N/A | N/A |
| n-Vinylpyrrolidinone polymer | 9003-39-8 | Data not availbl-insufficient | N/A | N/A | N/A | N/A |

| | | | | | | |
|---|---|---|---|---|---|---|
| Sodium stearate | 822-16-2 | Experimental Biodegradation | 28 days | BOD | 83 %BOD/ThOD | OECD 301C - MITI test (I) |
| Glycerol | 56-81-5 | Experimental Biodegradation | 14 days | BOD | 63 %BOD/ThOD | OECD 301C - MITI test (I) |
| 2-amino-2-methylpropanol | 124-68-5 | Experimental Biodegradation | 28 days | BOD | 89.3 %BOD/ThOD | OECD 301F - Manometric respirometry |
| 2-amino-2-methylpropanol | 124-68-5 | Experimental Photolysis | | Photolytic half-life (in air) | 1.1 days (t 1/2) | |
| 2-amino-2-methylpropanol | 124-68-5 | Experimental Soil Metabolism Aerobic | 30 days | CO2 evolution | 50 %CO2 evolution/THCO2 evolution | |
| sodium hydroxide | 1310-73-2 | Data not availbl-insufficient | N/A | N/A | N/A | N/A |
| 3-iodo-2-propynyl butylcarbamate | 55406-53-6 | Experimental Biodegradation | 28 days | BOD | 21 %BOD/ThOD | OECD 301F - Manometric respirometry |

### 12.3 : Bioaccumulative potential

| Material | Cas No. | Test type | Duration | Study Type | Test result | Protocol |
|---|---|---|---|---|---|---|
| Sucrose | 57-50-1 | Experimental Bioconcentration | | Log Kow | -3.70 | |
| 2-Propenoic acid, 2-methyl-, polymer with butyl 2-propenoate, methyl 2-methyl-2-propenoate and methyl 2-propenoate | 67846-38-2 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| n-Vinylpyrrolidinone polymer | 9003-39-8 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Sodium stearate | 822-16-2 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| Glycerol | 56-81-5 | Experimental Bioconcentration | | Log Kow | -1.75 | similar to OECD 107 |
| 2-amino-2-methylpropanol | 124-68-5 | Experimental Bioconcentration | | Log Kow | -0.63 | OECD 107 log Kow shke flsk mtd |
| sodium hydroxide | 1310-73-2 | Data not available or insufficient for classification | N/A | N/A | N/A | N/A |
| 3-iodo-2-propynyl butylcarbamate | 55406-53-6 | Experimental Bioconcentration | | Log Kow | 2.81 | |

### 12.4. Mobility in soil

| Material | Cas No. | Test type | Study Type | Test result | Protocol |
|---|---|---|---|---|---|
| Glycerol | 56-81-5 | Modeled Mobility in Soil | Koc | <1 l/kg | Episuite™ |
| 2-amino-2-methylpropanol | 124-68-5 | Modeled Mobility in Soil | Koc | 1 l/kg | ACD/Labs ChemSketch™ |
| 3-iodo-2-propynyl butylcarbamate | 55406-53-6 | Experimental Mobility in Soil | Koc | 126 | |

### 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.

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. 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)**
20 01 28 Paint, inks, adhesives and resins other than those mentioned in 20 01 27

## SECTION 14: Transportation information

Not hazardous for transportation.

| | Ground Transport (ADR) | Air Transport (IATA) | Marine Transport (IMDG) |
|---|---|---|---|
| **14.1 UN number or ID number** | No data available. | No data available. | No data available. |
| **14.2 UN proper shipping name** | No data available. | No data available. | No data available. |
| **14.3 Transport hazard class(es)** | No data available. | No data available. | No data available. |
| **14.4 Packing group** | No data available. | No data available. | No data available. |
| **14.5 Environmental hazards** | No data available. | No data available. | No data available. |
| **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** | No data available. | No data available. | No data available. |
| **IMDG Segregation Code** | No data available. | No data available. | No data available. |

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 | CAS Nbr | Classification | Regulation |
|---|---|---|---|
| n-Vinylpyrrolidinone polymer | 9003-39-8 | Gr. 3: Not classifiable | International Agency for Research on Cancer |

**Global inventory status**
Contact 3M for more information. The components of this material are in compliance with the provisions of the Korea Chemical Control Act. 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 material are in compliance with the provisions of Japan Chemical Substance Control Law. Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Japan Industrial Safety and Health Law. Certain restrictions may apply. Contact the selling division for additional information. The components of this material are in compliance with the provisions of Philippines RA 6969 requirements. Certain restrictions may apply. Contact the selling division for additional information. The components of this product are in compliance with the new substance notification requirements of CEPA. This product complies with Measures on Environmental Management of New Chemical Substances. All ingredients are listed on or exempt from on China IECSC inventory.

**DIRECTIVE 2012/18/EU**
Seveso hazard categories, Annex 1, Part 1
None

Seveso named dangerous substances, Annex 1, Part 2
None

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

**15.2. Chemical Safety Assessment**
A chemical safety assessment has not been carried out for this mixture. Chemical safety assessments for the contained substances may have been carried out by the registrants of the substances in accordance with Regulation (EC) No 1907/2006, as amended.

## SECTION 16: Other information

**List of relevant H statements**

| | |
|---|---|
| H290 | May be corrosive to metals. |
| H302 | Harmful if swallowed. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H331 | Toxic if inhaled. |
| H372 | Causes damage to organs through prolonged or repeated exposure. |
| 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. |

**Revision information:**
Section 1: Address information was modified.
Section 1: E-mail address information was modified.
Section 1: Product use information information was modified.
Section 3: Composition/ Information of ingredients table information was modified.
Section 6: Accidental release personal information information was modified.
Section 9: Flammability (solid, gas) information information was deleted.
Section 09: Flammability information information was added.
Section 09: Particle Characteristics N/A information was added.
Section 12: Component ecotoxicity information information was modified.
Section 12: Mobility in soil information information was modified.
Section 12: Persistence and Degradability information information was modified.
Section 12:Bioccumulative potential information information was modified.
Section 15: Seveso Substance Text information was deleted.

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. In addition, this SDS is being provided to convey health and safety information. If you are the importer of record of this product into the European Union, you are responsible for all regulatory requirements, including, but not limited to, product registrations/notifications, substance volume tracking, and potential substance registration.

**3M Ireland MSDSs are available at www.3M.com**