



## Transport Information Document

Date: May 20, 2019

3M ID Number: 70-0051-7471-2

Product Description: Scotch(R) Glue Sticks 6008-24-S, .28 oz (8 g), 24-Pack

Transport Protective Service: PROTECTIVE SERVICE NOT REQUIRED

NMFC Item: 004620 NMFC Sub: 06 NMFC Class: 060.0

Flash Point (Closed-cup): No Flash Point

### UNITED STATES DEPARTMENT OF TRANSPORTATION - GROUND (U.S. DOT, 49 CFR)

NOT REGULATED

### UNITED STATES DEPARTMENT OF TRANSPORTATION - VESSEL (U.S. DOT, 49 CFR)

NOT REGULATED

### INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA)

NOT REGULATED

### INTERNATIONAL MARITIME ORGANIZATION (IMO)

NOT REGULATED

The classification is authorized by the Competent Authority of the United States of America and may not meet the requirements of other competent authorities.

These transportation classifications are provided as a customer service. AS THE SHIPPER YOU REMAIN RESPONSIBLE FOR COMPLYING WITH ALL THE APPLICABLE LAWS AND REGULATIONS, INCLUDING PROPER TRANSPORTATION CLASSIFICATION AND PACKAGING. 3M's transportation classifications are based on product formulations, packaging, 3M policies and 3M's understanding of applicable current regulations and is valid for the original 3M package only. 3M does not guarantee the accuracy of this classification information. This information applies only to transportation classification and NOT THE PACKAGING, LABELING, OR MARKING REQUIREMENTS. The original 3M package is certified for U.S. ground shipment only. If you are shipping by air or ocean, the package may not meet applicable regulatory requirements.

For Transport Information, please visit [3M.com/Transportinfo](http://3M.com/Transportinfo)  
or call 1-800-364-3577 or 651-737-6501 for assistance.



## Safety Data Sheet

Copyright,2018,3M Company.

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

|                        |           |                         |          |
|------------------------|-----------|-------------------------|----------|
| <b>Document Group:</b> | 09-4549-3 | <b>Version Number:</b>  | 27.00    |
| <b>Issue Date:</b>     | 12/28/18  | <b>Supersedes Date:</b> | 01/19/18 |

### SECTION 1: Identification

#### 1.1. Product identifier

SCOTCH BRAND Permanent White Glue Stick 6008, 6015, 6020, 6036, 6040, 003, 0038

#### Product Identification Numbers

| ID Number      | UPC               | ID Number      | UPC               |
|----------------|-------------------|----------------|-------------------|
| 41-3700-5412-8 |                   | 41-3700-5422-7 |                   |
| 44-0028-8703-0 |                   | 44-0040-0578-9 |                   |
| 44-0040-1352-8 |                   | 44-0040-1353-6 |                   |
| 44-0040-1354-4 |                   | 44-0040-1355-1 |                   |
| 44-0040-5914-1 |                   | 44-0040-5915-8 |                   |
| 44-0040-5916-6 |                   | 44-0040-5917-4 |                   |
| 44-0040-5918-2 |                   | 70-0050-3211-8 | 000-51141-90416-0 |
| 70-0050-3431-2 | 000-51141-90074-2 | 70-0050-5910-3 | 000-51141-91516-6 |
| 70-0050-7224-7 | 000-51141-91705-4 | 70-0050-7729-5 | 500-51131-96116-1 |
| 70-0051-1728-1 |                   | 70-0051-1741-4 |                   |
| 70-0051-2122-6 |                   | 70-0051-5315-3 | 000-51131-96252-1 |
| 70-0051-5608-1 |                   | 70-0051-7471-2 |                   |
| 70-0051-9075-9 |                   | 70-0051-9202-9 |                   |
| 70-0051-9203-7 |                   | 70-0051-9343-1 |                   |
| 70-0051-9490-0 |                   | 70-0052-2858-3 |                   |
| 70-0052-3975-4 |                   | 70-0052-3976-2 |                   |
| 70-0052-7436-3 |                   | 70-0709-7778-3 | 00-51131-59096-0  |
| 70-0709-7779-1 | 00-51131-60727-9  | 70-0709-7781-7 | 00-51131-59095-3  |
| 70-0709-7821-1 | 00-51131-61402-4  | 70-0709-9201-4 |                   |
| 70-0709-9872-2 |                   | 70-0710-2681-2 | 00-51131-79251-7  |
| 70-0710-2705-9 | 00-51131-67349-6  | 70-0710-2733-1 | 00-51131-67359-5  |
| 70-0710-3228-1 | 00-51131-67522-3  | 70-0710-3366-9 | 00-21200-51683-2  |
| 70-0710-3425-3 | 00-51131-67141-6  | 70-0710-3459-2 | 00-51131-59096-0  |
| 70-0710-6564-6 | 00-51131-79251-7  | 70-0710-8060-3 |                   |
| 70-0710-8946-3 |                   | 70-0710-8951-3 | 00-21200-51992-5  |
| 70-0711-5483-8 |                   | 70-0711-7720-1 |                   |
| 70-0711-7786-2 |                   | 70-0711-7815-9 | 500-51131-91207-1 |
| 70-0711-7816-7 | 500-51131-91208-8 | 70-0712-0526-7 | 000-51131-85674-5 |
| 70-0712-0711-5 | 000-21200-98271-2 | 70-0712-0713-1 | 000-21200-98272-9 |
| 70-0712-1480-6 | 500-51131-76152-5 | 70-0712-1537-3 | 500-51131-76136-5 |
| 70-0712-1574-6 | 000-51131-67337-3 | 70-0712-1590-2 | 000-51131-67349-6 |
| 70-0712-1593-6 | 500-21200-50273-1 | 70-0712-1594-4 | 500-21200-50275-5 |

|                |                   |                |                   |
|----------------|-------------------|----------------|-------------------|
| 70-0712-1599-3 | 000-51131-67359-5 | 70-0712-1782-5 | 500-51131-92357-2 |
| 70-0712-1806-2 | 000-51131-85930-2 | 70-0713-0376-5 | 500-51131-85101-1 |
| 70-0713-0555-4 | 000-51131-85187-0 | 70-0713-0556-2 | 000-51131-85188-7 |
| 70-0713-0658-6 | 500-51131-84658-1 | 70-0713-0659-4 | 500-51131-84659-8 |
| 70-0713-0660-2 | 500-51131-84660-4 | 70-0713-0661-0 | 500-51131-84661-1 |
| 70-0713-0727-9 | 500-51131-84689-5 | 70-0713-0728-7 | 000-51131-84690-6 |
| 70-0713-0775-8 | 500-51131-84659-8 | 70-0713-0776-6 | 500-51131-84658-1 |
| 70-0713-0777-4 | 500-51131-84661-1 | 70-0713-0778-2 | 500-51131-84660-4 |
| 70-0713-0779-0 | 500-51131-85101-1 | 70-0713-2301-1 | 000-51131-96341-2 |
| 70-0713-4898-4 | 000-21200-46977-0 | 70-0713-4977-6 | 500-51131-76188-4 |
| 70-0713-4991-7 | 000-51131-85360-7 | 70-0713-5009-7 | 500-51131-85363-3 |
| 70-0713-5080-8 | 000-51131-85389-8 | 70-0713-5180-6 | 000-51131-85428-4 |
| 70-0713-6175-5 | 000-51131-85598-4 | 70-0713-6648-1 | 000-51131-84738-5 |
| 70-0713-6830-5 | 000-51131-84810-8 | 70-0713-7492-3 | 000-51131-94917-1 |
| 70-0713-7494-9 | 500-51131-94918-3 | 70-0713-8108-4 | 500-51131-96116-1 |
| 70-0713-8169-6 | 500-51131-96156-7 | 70-0713-8353-6 | 500-51131-96413-1 |
| 70-0713-9121-6 | 000-51131-84836-8 | 70-0713-9128-1 | 000-51131-84837-5 |
| 70-0713-9201-6 | 000-51131-96168-5 | 70-0713-9381-6 | 500-51131-96252-6 |
| 70-0713-9431-9 | 000-51131-96529-4 | 70-0713-9508-4 | 000-51131-96613-0 |
| 70-0714-1826-6 | 500-51131-96252-6 | 70-0714-2257-3 | 500-51131-97161-0 |
| 70-0714-2261-5 | 500-51131-97163-4 | 70-0714-2291-2 | 500-51131-97191-7 |
| 70-0714-8244-5 | 500-51135-80845-5 | 70-0714-9783-1 | 500-51135-81532-3 |
| 70-0715-0364-6 | 000-51135-21149-6 | FS-9100-4186-2 |                   |
| FS-9100-4204-3 |                   | FS-9100-4205-0 |                   |
| FS-9100-4206-8 |                   | FS-9100-4207-6 |                   |
| FS-9100-4208-4 |                   | FS-9100-4209-2 |                   |
| FS-9100-4210-0 |                   | FT-5101-1068-5 |                   |
| GT-5000-6033-7 |                   | RT-0009-4779-1 |                   |
| RT-0009-4805-4 |                   | RT-0009-4806-2 |                   |
| RT-0009-5890-5 |                   | RT-0009-5941-6 |                   |
| WX-3009-0998-2 |                   | WX-3009-0999-0 |                   |
| XF-0045-0390-0 |                   | XF-0045-0391-8 |                   |
| XF-0045-0392-6 |                   |                |                   |

7010341387, 7000052469, 7100007489, 7100138105, 7000126829, 7000029790, 1000001171, 7100040326, 7010383996, 7010311333, 7000039519, 7000039520, 7000039521, 7010299786, 7100027966, 7010332682, 7100045781, 7100045782, 7010295634

## 1.2. Recommended use and restrictions on use

### Recommended use

Adhesive

### 1.3. Supplier's details

**MANUFACTURER:** 3M  
**DIVISION:** Stationery and Office Supplies Division  
**ADDRESS:** 3M Center, St. Paul, MN 55144-1000, USA  
**Telephone:** 1-888-3M HELPS (1-888-364-3577)

### 1.4. Emergency telephone number

1-800-364-3577 or (651) 737-6501 (24 hours)

## SECTION 2: Hazard identification

### 2.1. Hazard classification

Reproductive Toxicity: Category 2.

## 2.2. Label elements

### Signal word

Warning

### Symbols

Health Hazard |

### Pictograms



### Hazard Statements

Suspected of damaging fertility or the unborn child.

### Precautionary Statements

#### General:

Keep out of reach of children.

#### Prevention:

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wear protective gloves.

#### Response:

IF exposed or concerned: Get medical advice/attention.

#### Storage:

Store locked up.

#### Disposal:

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

22% of the mixture consists of ingredients of unknown acute oral toxicity.

## SECTION 3: Composition/information on ingredients

| Ingredient                   | C.A.S. No.    | % by Wt                  |
|------------------------------|---------------|--------------------------|
| WATER                        | 7732-18-5     | 40 - 55                  |
| SUCROSE                      | 57-50-1       | 20 - 25                  |
| ACRYLIC COPOLYMER            | Trade Secret* | 10 - 20                  |
| N-VINYLPYRROLIDINONE POLYMER | 9003-39-8     | 5 - 10                   |
| SODIUM STEARATE              | 822-16-2      | 5 - 10                   |
| GLYCERIN                     | 56-81-5       | 1 - 5                    |
| 2-AMINOISOBUTANOL            | 124-68-5      | 0.4 - 0.5 Trade Secret * |

\*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

## 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 Swallowed:**

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

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

See Section 11.1. Information on toxicological effects.

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

Not applicable

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable extinguishing media

Non-combustible. Use a fire fighting agent suitable for surrounding fire.

#### 5.2. Special hazards arising from the substance or mixture

None inherent in this product.

#### Hazardous Decomposition or By-Products

Substance

Carbon monoxide

Carbon dioxide

Condition

During Combustion

During Combustion

#### 5.3. Special protective actions for fire-fighters

No special protective actions for fire-fighters are anticipated.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

#### 6.2. Environmental precautions

Avoid release to the environment.

#### 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 in accordance with applicable local/regional/national/international regulations.

### 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/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. Use personal protective equipment (gloves, respirators, etc.) as required.

**7.2. Conditions for safe storage including any incompatibilities**

Store away from acids.

**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            |
|------------|------------|--------|--|--------------------------------|
| GLYCERIN   | 56-81-5    | OSHA   | TWA(as total dust):15 mg/m <sup>3</sup> ;TWA(respirable fraction):5 mg/m <sup>3</sup>      |                                |
| SUCROSE    | 57-50-1    | ACGIH  | TWA:10 mg/m <sup>3</sup>   | A4: Not class. as human carcin |
| SUCROSE    | 57-50-1    | OSHA   | TWA(as total dust):15 mg/m <sup>3</sup> ;TWA(respirable fraction):5 mg/m <sup>3</sup>      |                                |
| STEARATES  | 822-16-2   | ACGIH  | TWA(inhalable fraction):10 mg/m <sup>3</sup> ;TWA(respirable fraction):3 mg/m <sup>3</sup> | A4: Not class. as human carcin |

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines

OSHA : United States Department of Labor - Occupational Safety and Health Administration

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

**8.2. Exposure controls****8.2.1. Engineering controls**

Not applicable.

**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: Butyl Rubber

Nitrile Rubber

Natural Rubber

**Respiratory protection**

None required.

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

|  |                                     |
|--|-------------------------------------|
| <b>General Physical Form:</b>                  | Solid                               |
| <b>Specific Physical Form:</b>                 | Paste                               |
| <b>Odor, Color, Grade:</b>                     | White with fatty acid/acrylic odor. |
| <b>Odor threshold</b>                          | <i>No Data Available</i>            |
| <b>pH</b>                                      | Approximately 10.3                  |
| <b>Melting point</b>                           | Approximately 140 °F                |
| <b>Boiling Point</b>                           | 52 - 100 °C                         |
| <b>Flash Point</b>                             | No flash point                      |
| <b>Evaporation rate</b>                        | <i>Not Applicable</i>               |
| <b>Flammability (solid, gas)</b>               | Not Classified                      |
| <b>Flammable Limits(LEL)</b>                   | <i>Not Applicable</i>               |
| <b>Flammable Limits(UEL)</b>                   | <i>Not Applicable</i>               |
| <b>Vapor Pressure</b>                          | <i>Not Applicable</i>               |
| <b>Vapor Density</b>                           | <i>Not Applicable</i>               |
| <b>Density</b>                                 | 0.95 - 1 g/cm <sup>3</sup>          |
| <b>Specific Gravity</b>                        | 0.95 - 1.0 [Ref Std: WATER=1]       |
| <b>Solubility in Water</b>                     | Appreciable                         |
| <b>Solubility- non-water</b>                   | <i>No Data Available</i>            |
| <b>Partition coefficient: n-octanol/ water</b> | <i>No Data Available</i>            |
| <b>Autoignition temperature</b>                | <i>Not Applicable</i>               |
| <b>Decomposition temperature</b>               | <i>No Data Available</i>            |
| <b>Viscosity</b>                               | 10,000 - 30,000 poise               |
| <b>Molecular weight</b>                        | <i>No Data Available</i>            |
| <b>Percent volatile</b>                        | 60 - 65 % weight                    |

**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 polymerization will not occur.

**10.4. Conditions to avoid**

None known.

**10.5. Incompatible materials**

None known.

**10.6. Hazardous decomposition products****Substance**

None known.

**Condition**

Refer to section 5.2 for hazardous decomposition products during combustion.

## SECTION 11: Toxicological information

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

### 11.1. Information on Toxicological effects

#### Signs and Symptoms of Exposure

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

#### Inhalation:

No known health effects.

#### 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                             |
| GLYCERIN                     | Dermal                         | Rabbit  | LD50 estimated to be > 5,000 mg/kg             |
| GLYCERIN                     | Ingestion                      | Rat     | LD50 > 5,000 mg/kg                             |
| 2-AMINOISOBUTANOL            | Dermal                         | Rabbit  | LD50 > 2,000 mg/kg                             |
| 2-AMINOISOBUTANOL            | Ingestion                      | Rat     | LD50 2,900 mg/kg                               |

ATE = acute toxicity estimate

#### Skin Corrosion/Irritation

| Name            | Species  | Value                     |
|-----------------|----------|---------------------------|
| Overall product | In vitro | No significant irritation |



|                              |        |                           |
|------------------------------|--------|---------------------------|
|                              | data   |                           |
| N-VINYLPYRROLIDINONE POLYMER | Rabbit | No significant irritation |
| GLYCERIN                     | Rabbit | No significant irritation |
| 2-AMINOISOBUTANOL            | Rabbit | Irritant                  |

**Serious Eye Damage/Irritation**

| Name              | Species | Value                     |
|-------------------|---------|---------------------------|
| GLYCERIN          | Rabbit  | No significant irritation |
| 2-AMINOISOBUTANOL | Rabbit  | Corrosive                 |

**Skin Sensitization**

| Name                         | Species    | Value          |
|------------------------------|------------|----------------|
| N-VINYLPYRROLIDINONE POLYMER | Human      | Not classified |
| GLYCERIN                     | Guinea pig | Not classified |
| 2-AMINOISOBUTANOL            | Guinea pig | Not classified |

**Respiratory Sensitization**

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

**Germ Cell Mutagenicity**

| Name                         | Route    | Value         |
|------------------------------|----------|---------------|
| N-VINYLPYRROLIDINONE POLYMER | In Vitro | Not mutagenic |
| 2-AMINOISOBUTANOL            | In Vitro | Not mutagenic |
| 2-AMINOISOBUTANOL            | In vivo  | Not mutagenic |

**Carcinogenicity**

| Name                         | Route     | Species | Value  |
|------------------------------|-----------|---------|--|
| N-VINYLPYRROLIDINONE POLYMER | Ingestion | Rat     | Not carcinogenic   |
| GLYCERIN                     | 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           |
| GLYCERIN                     | Ingestion | Not classified for female reproduction | Rat     | NOAEL 2,000 mg/kg/day | 2 generation               |
| GLYCERIN                     | Ingestion | Not classified for male reproduction   | Rat     | NOAEL 2,000 mg/kg/day | 2 generation               |
| GLYCERIN                     | Ingestion | Not classified for development         | Rat     | NOAEL 2,000 mg/kg/day | 2 generation               |
| 2-AMINOISOBUTANOL            | Ingestion | Not classified for female reproduction | Rat     | NOAEL 1,000 mg/kg/day | prematuring into lactation |
| 2-AMINOISOBUTANOL            | Ingestion | Not classified for male reproduction   | Rat     | NOAEL 1,000 mg/kg/day | 37 days                    |
| 2-AMINOISOBUTANOL            | Dermal    | Not classified for development         | Rat     | NOAEL 300 mg/kg/day   | during gestation           |
| 2-AMINOISOBUTANOL            | Ingestion | Toxic to development                   | Rat     | NOAEL 100 mg/kg/day   | prematuring into lactation |

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

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure |
|------|-------|-----------------|-------|---------|-------------|----------|
|------|-------|-----------------|-------|---------|-------------|----------|

|                   |            |                        |  |       |                     | Duration |
|-------------------|------------|------------------------|--|-------|---------------------|----------|
| 2-AMINOISOBUTANOL | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | Mouse | NOAEL Not available |          |

**Specific Target Organ Toxicity - repeated exposure**

| Name              | Route      | Target Organ(s)   | Value  | Species | Test Result            | Exposure Duration |
|-------------------|------------|---|--|---------|------------------------|-------------------|
| GLYCERIN          | Inhalation | respiratory system   heart   liver   kidney and/or bladder              | Not classified   | Rat     | NOAEL 3.91 mg/l        | 14 days           |
| GLYCERIN          | Ingestion  | endocrine system   hematopoietic system   liver   kidney and/or bladder | Not classified   | Rat     | NOAEL 10,000 mg/kg/day | 2 years           |
| 2-AMINOISOBUTANOL | Ingestion  | liver   | Some positive data exist, but the data are not sufficient for classification | Rat     | NOAEL 23 mg/kg/day     | 90 days           |
| 2-AMINOISOBUTANOL | Ingestion  | blood   eyes   kidney and/or bladder                                    | Not classified   | Dog     | NOAEL 2.8 mg/kg/day    | 1 years           |

**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.

**SECTION 12: Ecological information****Ecotoxicological information**

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

**Chemical fate information**

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

**SECTION 13: Disposal considerations****13.1. Disposal methods**

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

Dispose of waste product in a permitted industrial waste 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.

EPA Hazardous Waste Number (RCRA): Not regulated

**SECTION 14: Transport Information**

For Transport Information, please visit <http://3M.com/Transportinfo> or call 1-800-364-3577 or 651-737-6501.

**SECTION 15: Regulatory information****15.1. US Federal Regulations**

Contact 3M for more information.

**EPCRA 311/312 Hazard Classifications:****Physical Hazards**

Not applicable

**Health Hazards**

Reproductive toxicity

**15.2. State Regulations**

Contact 3M for more information.

**15.3. Chemical Inventories**

The components of this product are in compliance with the chemical notification requirements of TSCA.

Contact 3M for more information.

**15.4. International Regulations**

Contact 3M for more information.

**This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.**

**SECTION 16: Other information****NFPA Hazard Classification**

**Health: 0 Flammability: 0 Instability: 0 Special Hazards: None**

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

**HMIS Hazard Classification**

**Health: \*0 Flammability: 0 Physical Hazard: 0 Personal Protection: X - See PPE section.**

Hazardous Material Identification System (HMIS® IV) hazard ratings are designed to inform employees of chemical hazards in the workplace. These ratings are based on the inherent properties of the material under expected conditions of normal use and are not intended for use in emergency situations. HMIS® IV ratings are to be used with a fully implemented HMIS® IV program. HMIS® is a registered mark of the American Coatings Association (ACA).

**Document Group:** 09-4549-3

**Version Number:** 27.00

**Issue Date:** 12/28/18

**Supersedes Date:** 01/19/18

DISCLAIMER: The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. 3M MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine

whether it is fit for a particular purpose and suitable for user's method of use or application.

3M provides information in electronic form as a service to its customers. Due to the remote possibility that electronic transfer may have resulted in errors, omissions or alterations in this information, 3M makes no representations as to its completeness or accuracy. In addition, information obtained from a database may not be as current as the information in the SDS available directly from 3M

**3M USA SDSs are available at [www.3M.com](http://www.3M.com)**