



Safety Data Sheet

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Document Group:	16-4455-8	Version Number:	3.01
Issue Date:	05/21/15	Supersedes Date:	05/17/04

Product identifier

3M Scotch(R) Permanent Purple Glue Stick & White Permanent Glue Stick

ID Number(s):

70-0710-9719-3, 70-0711-8006-4, 70-0712-1746-0

Recommended use

Apply adhesive to paper, articles

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)

Emergency telephone number

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

This product is a kit or a multipart product which consists of multiple, independently packaged components. A Safety Data Sheet (SDS), Article Information Sheet (AIS), or Article Information Letter (AIL) for each of these components is included. Please do not separate the component documents from this cover page. The document numbers for components of this product are:

09-4555-0, 09-4549-3

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Document Group:	09-4549-3	Version Number:	26.02
Issue Date:	01/19/18	Supersedes Date:	12/29/15

SECTION 1: Identification

1.1. Product identifier

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

Product Identification Numbers

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, 70-0050-3431-2, 70-0050-5910-3, 70-0050-7224-7, 70-0050-7729-5, 70-0051-1728-1, 70-0051-1741-4, 70-0051-2122-6, 70-0051-5315-3, 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, 70-0709-7779-1, 70-0709-7781-7, 70-0709-7821-1, 70-0709-9201-4, 70-0709-9872-2, 70-0710-2681-2, 70-0710-2705-9, 70-0710-2733-1, 70-0710-3228-1, 70-0710-3366-9, 70-0710-3425-3, 70-0710-3459-2, 70-0710-6564-6, 70-0710-8060-3, 70-0710-8946-3, 70-0710-8951-3, 70-0711-5483-8, 70-0711-7720-1, 70-0711-7786-2, 70-0711-7815-9, 70-0711-7816-7, 70-0712-0526-7, 70-0712-0711-5, 70-0712-0713-1, 70-0712-1480-6, 70-0712-1537-3, 70-0712-1574-6, 70-0712-1590-2, 70-0712-1593-6, 70-0712-1594-4, 70-0712-1599-3, 70-0712-1782-5, 70-0712-1806-2, 70-0713-0376-5, 70-0713-0555-4, 70-0713-0556-2, 70-0713-0658-6, 70-0713-0659-4, 70-0713-0660-2, 70-0713-0661-0, 70-0713-0727-9, 70-0713-0728-7, 70-0713-0775-8, 70-0713-0776-6, 70-0713-0777-4, 70-0713-0778-2, 70-0713-0779-0, 70-0713-2301-1, 70-0713-4898-4, 70-0713-4977-6, 70-0713-4991-7, 70-0713-5009-7, 70-0713-5080-8, 70-0713-5180-6, 70-0713-6175-5, 70-0713-6648-1, 70-0713-6830-5, 70-0713-7492-3, 70-0713-7494-9, 70-0713-8108-4, 70-0713-8169-6, 70-0713-8353-6, 70-0713-9121-6, 70-0713-9128-1, 70-0713-9201-6, 70-0713-9381-6, 70-0713-9431-9, 70-0713-9508-4, 70-0714-1826-6, 70-0714-2257-3, 70-0714-2261-5, 70-0714-2291-2, 70-0714-8244-5, 70-0714-9783-1, 70-0715-0364-6, 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

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	<= 0.5 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. Avoid release to the environment. 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 ³ ;TWA(respirable fraction):5 mg/m ³	
SUCROSE	57-50-1	ACGIH	TWA:10 mg/m ³	A4: Not class. as human carcin
SUCROSE	57-50-1	OSHA	TWA(as total dust):15 mg/m ³ ;TWA(respirable fraction):5 mg/m ³	
STEARATES	822-16-2	ACGIH	TWA(inhalable fraction):10 mg/m ³ ;TWA(respirable fraction):3 mg/m ³	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: Neoprene

Nitrile Rubber

Natural Rubber

Respiratory protection

None required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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

None known.

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 data	No significant irritation
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: 26.02

Issue Date: 01/19/18

Supersedes Date: 12/29/15

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Document Group:	09-4555-0	Version Number:	16.00
Issue Date:	05/19/15	Supersedes Date:	05/30/07

SECTION 1: Identification

1.1. Product identifier

SCOTCH BRAND Permanent Purple Glue Stick 6108, 6110, 6115

Product Identification Numbers

44-0028-8704-8, 44-0040-0579-7, 44-0042-4702-7, 70-0051-9212-8, 70-0709-7783-3, 70-0709-7784-1, 70-0709-7785-8, 70-0709-7818-7, 70-0709-8063-9, 70-0709-8724-6, 70-0709-9965-4, 70-0710-1985-8, 70-0710-2281-1, 70-0710-2426-2, 70-0710-2863-6, 70-0710-2864-4, 70-0710-2865-1, 70-0710-2866-9, 70-0710-2894-1, 70-0710-2902-2, 70-0710-3227-3, 70-0710-3270-3, 70-0710-3367-7, 70-0710-3446-9, 70-0710-3460-0, 70-0710-6565-3, 70-0710-8755-8, 70-0710-8756-6, 70-0710-8984-4, 70-0710-8985-1, 70-0711-7784-7, 70-0712-1595-1, 70-0712-1596-9, 70-0713-0642-0, 70-0713-0674-3, 70-0713-4943-8, 70-0714-2262-3, 70-0714-2263-1, 70-0714-8350-0

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

Not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

2.2. Label elements

Signal word

Not applicable.

Symbols

Not applicable.

Pictograms

Not applicable.

2.3. Hazards not otherwise classified

None.

6% 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	60 - 65
N-VINYLPYRROLIDINONE POLYMER	9003-39-8	14 - 16
SUCROSE	57-50-1	7 - 9
POLYETHYLENE GLYCOL	25322-68-3	6 - 8
SODIUM STEARATE	822-16-2	5 - 7

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:

No need for first aid is anticipated.

Skin Contact:

No need for first aid is anticipated.

Eye Contact:

No need for first aid is anticipated.

If Swallowed:

No need for first aid is anticipated.

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

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.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep out of reach of children. Avoid release to the environment.

7.2. Conditions for safe storage including any incompatibilities

No special storage requirements.

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
POLYETHYLENE GLYCOL	25322-68-3	AIHA	TWA(as particulate):10 mg/m3	
SUCROSE	57-50-1	ACGIH	TWA:10 mg/m3	A4: Not class. as human carcin
SUCROSE	57-50-1	OSHA	TWA(as total dust):15 mg/m3;TWA(respirable fraction):5 mg/m3	
STEARATES	822-16-2	ACGIH	TWA:10 mg/m3	A4: Not class. as human carcin
N-VINYLPYRROLIDINONE POLYMER	9003-39-8	CMRG	TWA(as respirable dust):5 mg/m3;TWA(as total dust):10 mg/m3	

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

No protective gloves required.

Respiratory protection

None required.

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

General Physical Form:	Solid
Specific Physical Form:	Paste
Odor, Color, Grade:	Purple with fatty acid/acrylic odor.
Odor threshold	<i>No Data Available</i>
pH	10.3
Melting point	Approximately 90 °F
Boiling Point	<i>Not Applicable</i>
Flash Point	<i>Not Applicable</i>
Evaporation rate	<i>Not Applicable</i>
Flammability (solid, gas)	Not Classified
Flammable Limits(LEL)	<i>Not Applicable</i>
Flammable Limits(UEL)	<i>Not Applicable</i>
Vapor Pressure	<i>Not Applicable</i>
Vapor Density	<i>Not Applicable</i>
Density	0.95 - 1 g/cm ³
Specific Gravity	0.95 - 1.0 [<i>Ref Std: WATER=1</i>]
Solubility in Water	Appreciable
Solubility- non-water	<i>No Data Available</i>
Partition coefficient: n-octanol/ water	<i>No Data Available</i>
Autoignition temperature	<i>Not Applicable</i>
Decomposition temperature	<i>No Data Available</i>
Viscosity	<i>Not Applicable</i>
Percent volatile	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

Condition

None known.

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:

No known health effects.

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
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
SUCROSE	Ingestion	Rat	LD50 29,700 mg/kg
POLYETHYLENE GLYCOL	Dermal	Rabbit	LD50 > 20,000 mg/kg
POLYETHYLENE GLYCOL	Ingestion	Rat	LD50 32,770 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
N-VINYLPYRROLIDINONE POLYMER	Rabbit	No significant irritation
POLYETHYLENE GLYCOL	Rabbit	Minimal irritation

Serious Eye Damage/Irritation

Name	Species	Value
POLYETHYLENE GLYCOL	Rabbit	Mild irritant

Skin Sensitization

Name	Species	Value
N-VINYLPYRROLIDINONE POLYMER	Human	Not sensitizing
POLYETHYLENE GLYCOL	Guinea pig	Not sensitizing

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
POLYETHYLENE GLYCOL	In Vitro	Not mutagenic
POLYETHYLENE GLYCOL	In vivo	Not mutagenic

Carcinogenicity

Name	Route	Species	Value
N-VINYLPYRROLIDINONE POLYMER	Ingestion	Rat	Not carcinogenic
POLYETHYLENE GLYCOL	Ingestion	Rat	Not carcinogenic

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

Name	Route	Value	Species	Test Result	Exposure Duration
N-VINYLPYRROLIDINONE POLYMER	Ingestion	Not toxic to development	Rat	NOAEL 5,000 mg/kg/day	during gestation
POLYETHYLENE GLYCOL	Ingestion	Not toxic to female reproduction	Rat	NOAEL 1,125 mg/kg/day	during gestation
POLYETHYLENE GLYCOL	Ingestion	Not toxic to male reproduction	Rat	NOAEL 5699 +/- 1341 mg/kg/day	5 days
POLYETHYLENE GLYCOL	Not Specified	Some positive reproductive/developmental data exist, but the data are not sufficient for classification		NOEL N/A	
POLYETHYLENE GLYCOL	Ingestion	Some positive developmental data exist, but the data are not sufficient for classification	Mouse	NOAEL 562 mg/animal/day	during gestation

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

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
POLYETHYLENE GLYCOL	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 1.008 mg/l	2 weeks

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
POLYETHYLENE GLYCOL	Inhalation	respiratory system	Some positive data exist, but the data are not sufficient for	Rat	NOAEL 1.008 mg/l	2 weeks

			classification			
POLYETHYLENE GLYCOL	Ingestion	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 5,640 mg/kg/day	13 weeks
POLYETHYLENE GLYCOL	Ingestion	heart endocrine system hematopoietic system liver nervous system	All data are negative	Rat	NOAEL 5,640 mg/kg/day	13 weeks

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.

311/312 Hazard Categories:

Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No Immediate Hazard - No Delayed Hazard - No

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® III) 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® III ratings are to be used with a fully implemented HMIS® III program. HMIS® is a registered mark of the American Coatings Association (ACA).

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