



Safety Data Sheet

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Document group:	26-2336-1	Version number:	2.00
Revision date:	21/01/2013	Supersedes date:	16/12/2010
Transportation version number: 1.00 (16/12/2010)			

This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

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

1.1. Product identifier

3M Scotch® Classic Glue Stick

Product identification numbers

FS-9100-5054-1 FS-9100-5055-8 FS-9100-5060-8 FS-9100-5061-6 FS-9100-5063-2
FS-9100-5064-0

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

Identified uses

Glue

1.3. Details of the supplier of the substance or mixture

Address: 3M United Kingdom PLC, 3M Centre, Cain Road, Bracknell, Berkshire, RG12 8HT.

E Mail: tox.uk@mmm.com

Website: www.3M.com/uk

1.4. Emergency telephone number

+44 (0)1344 858 000

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive

This product is not classified as hazardous according to EU Directive 1999/45/EC.

2.2. Label elements

Dangerous substances(67/548/EEC)/preparations(1999/45/EC) directive

Symbol(s)

3M Scotch® Classic Glue Stick

None.

Contains:

No ingredients are assigned to the label.

Risk phrases None.

Safety phrases None.

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

Ingredient	CAS Nbr	EU Inventory	% by Wt	Classification
Non-hazardous ingredients	Mixture		43 - 47	
Acrylic polymer	Trade Secret		21 - 23	
Sucrose	57-50-1	EINECS 200-334-9	14 - 16	
Propylene Glycol	57-55-6	EINECS 200-338-0	8 - 9	
Hexadecanoic acid, sodium salt	408-35-5	EINECS 206-988-1	2 - 4	
Synthetic amorphous silica, fumed, crystalline free	112945-52-5		1 - 2	
Sodium Stearate	822-16-2	EINECS 212-490-5	1 - 2	
2-Aminoisobutanol	124-68-5	EINECS 204-709-8	< 1	Xi:R36-38; R52/53 (EU) Skin Irrit. 2, H315; Eye Irrit. 2, H319; Aquatic Chronic 3, H412 (CLP)

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

Please refer to section 15 for the any applicable Notas that have been applied to the above components

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation**

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. Extinguishing media

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam.

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

Hazardous Decomposition or By-Products

Substance

Aldehydes.
Carbon monoxide.
Carbon dioxide.

Condition

During combustion.
During combustion.
During combustion.

5.3. Advice for fire-fighters

No unusual fire or explosion hazards are anticipated.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Observe precautions from other sections.

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 with detergent and water.

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

Avoid release to the environment.

7.2. Conditions for safe storage including any incompatibilities

No special storage requirements.

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

Ingredient	CAS Nbr	Agency	Limit type	Additional comments
Silica, amorphous	112945-52-5	Health and Safety Comm. (UK)	TWA(as inhalable dust):6 mg/m3;TWA(as respirable dust):2.4 mg/m3	
Sucrose	57-50-1	Health and Safety Comm. (UK)	TWA:10 mg/m3;STEL:20 mg/m3	
Propylene Glycol	57-55-6	Health and Safety Comm. (UK)	TWA(as particulate):10 mg/m3;TWA(as total vapour and particulates):474 mg/m3(150 ppm)	

Health and Safety Comm. (UK) : UK Health and Safety Commission
 TWA: Time-Weighted-Average
 STEL: Short Term Exposure Limit
 ppm: parts per million
 mg/m³: milligrams per cubic metre
 CEL: 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

Skin protection is not required.

Respiratory protection

None required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Solid.
Appearance/Odour	Translucent waxy solid with no odour.
Odour threshold	<i>No data available.</i>
pH	10 - 11
Boiling point/boiling range	<i>Not applicable.</i>
Melting point	<i>No data available.</i>
Flammability (solid, gas)	Not classified
Explosive properties	Not classified
Oxidising properties	Not classified
Flash point	<i>Not applicable.</i>
Autoignition temperature	<i>Not applicable.</i>
Flammable Limits(LEL)	<i>Not applicable.</i>
Flammable Limits(UEL)	<i>Not applicable.</i>
Vapour pressure	<i>Not applicable.</i>
Relative density	0.9 - 1 [Ref Std: WATER=1]

Water solubility	Appreciable
Solubility- non-water	<i>No data available.</i>
Partition coefficient: n-octanol/water	<i>No data available.</i>
Evaporation rate	<i>Not applicable.</i>
Vapour density	<i>Not applicable.</i>
Decomposition temperature	<i>No data available.</i>
Viscosity	<i>Not applicable.</i>
Density	0.9 - 1 g/ml

9.2. Other information

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

None known.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

<u>Substance</u>	<u>Condition</u>
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None known.

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 labelling, 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 health effects are expected.

3M Scotch® Classic Glue Stick**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 health effects are expected.

Toxicological Data**Acute Toxicity**

Name	Route	Species	Value
Overall product	Ingestion		No test data available; calculated ATE >5,000 mg/kg
Sucrose			No data available
Propylene Glycol	Dermal	Rabbit	LD50 20,800 mg/kg
Propylene Glycol	Ingestion	Rat	LD50 22,000 mg/kg
Hexadecanoic acid, sodium salt			No data available
Sodium Stearate			No data available
Synthetic amorphous silica, fumed, crystalline free	Dermal	Rabbit	LD50 > 5,000 mg/kg
Synthetic amorphous silica, fumed, crystalline free	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 0.691 mg/l
Synthetic amorphous silica, fumed, crystalline free	Ingestion	Rat	LD50 > 5,110 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	Rabbit	No significant irritation
Sucrose		No data available
Propylene Glycol		No significant irritation
Hexadecanoic acid, sodium salt		No data available
Sodium Stearate		No data available
Synthetic amorphous silica, fumed, crystalline free	Rabbit	No significant irritation
2-Aminoisobutanol		No data available

Serious Eye Damage/Irritation

Name	Species	Value
Sucrose		No data available
Propylene Glycol		Mild irritant
Hexadecanoic acid, sodium salt		No data available
Sodium Stearate		No data available
Synthetic amorphous silica, fumed, crystalline free	Rabbit	No significant irritation
2-Aminoisobutanol		No data available

Skin Sensitisation

Name	Species	Value
Sucrose		No data available
Propylene Glycol		Some positive data exist, but the data are not sufficient for classification
Hexadecanoic acid, sodium salt		No data available
Sodium Stearate		No data available
Synthetic amorphous silica, fumed, crystalline free	Human and animal	Not sensitizing

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2-Aminoisobutanol		No data available
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Respiratory Sensitisation

Name	Species	Value
Sucrose		No data available
Propylene Glycol		No data available
Hexadecanoic acid, sodium salt		No data available
Sodium Stearate		No data available
Synthetic amorphous silica, fumed, crystalline free		No data available
2-Aminoisobutanol		No data available

Germ Cell Mutagenicity

Name	Route	Value
Sucrose		No data available
Propylene Glycol	Ingestion	Not mutagenic
Propylene Glycol	In Vitro	Some positive data exist, but the data are not sufficient for classification
Hexadecanoic acid, sodium salt		No data available
Sodium Stearate		No data available
Synthetic amorphous silica, fumed, crystalline free	In Vitro	Not mutagenic
2-Aminoisobutanol		No data available

Carcinogenicity

Name	Route	Species	Value
Sucrose			No data available
Propylene Glycol	Dermal		Not carcinogenic
Propylene Glycol	Ingestion		Not carcinogenic
Hexadecanoic acid, sodium salt			No data available
Sodium Stearate			No data available
Synthetic amorphous silica, fumed, crystalline free	Not specified.	Mouse	Some positive data exist, but the data are not sufficient for classification
2-Aminoisobutanol			No data available

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

Name	Route	Value	Species	Test result	Exposure Duration
Sucrose		No data available			
Propylene Glycol	Ingestion	Not toxic to reproduction and/or development		NOAEL 10,100 mg/kg/day	
Hexadecanoic acid, sodium salt		No data available			
Sodium Stearate		No data available			
Synthetic amorphous silica, fumed, crystalline free	Ingestion	Not toxic to female reproduction	Rat	NOAEL 509 mg/kg/day	1 generation
Synthetic amorphous silica, fumed, crystalline free	Ingestion	Not toxic to male reproduction	Rat	NOAEL 497 mg/kg/day	1 generation
Synthetic amorphous silica, fumed, crystalline free	Ingestion	Not toxic to development	Rat	NOAEL 1,350 mg/kg/day	during organogenesis
2-Aminoisobutanol		No data available			

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

Name	Route	Target	Value	Species	Test result	Exposure
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3M Scotch® Classic Glue Stick

		Organ(s)				Duration
Sucrose			No data available			
Propylene Glycol	Ingestion	central nervous system depression	May cause drowsiness or dizziness		NOAEL N/A	
Hexadecanoic acid, sodium salt			No data available			
Sodium Stearate			No data available			
Synthetic amorphous silica, fumed, crystalline free			No data available			
2-Aminoisobutanol			No data available			

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
Sucrose			No data available			
Propylene Glycol	Ingestion	hematopoietic system	Some positive data exist, but the data are not sufficient for classification		LOEL 511 mg/kg/day	
Propylene Glycol	Ingestion	kidney and/or bladder	All data are negative		NOAEL 5,000 mg/kg/day	
Hexadecanoic acid, sodium salt			No data available			
Synthetic amorphous silica, fumed, crystalline free	Inhalation	respiratory system silicosis	All data are negative	Human	NOAEL Not available	occupational exposure
Sodium Stearate			No data available			
2-Aminoisobutanol			No data available			

Aspiration Hazard

Name	Value
Sucrose	Not an aspiration hazard
Propylene Glycol	Not an aspiration hazard
Hexadecanoic acid, sodium salt	Not an aspiration hazard
Sodium Stearate	Not an aspiration hazard
Synthetic amorphous silica, fumed, crystalline free	Not an aspiration hazard
2-Aminoisobutanol	Not an aspiration hazard

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

SECTION 12: Ecological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications

3M Scotch® Classic Glue Stick

are mandated by a competent authority. Additional information leading to material classification in Section 2 is available upon request. In addition, environmental fate and effects data on ingredients may not be reflected in this section because an ingredient is present below the threshold for labelling, an ingredient is not expected to be available for exposure, or the data is considered not relevant to the material as a whole.

12.1. Toxicity

Acute aquatic hazard:

GHS Acute 3: Harmful to aquatic life.

Chronic aquatic hazard:

Not chronically toxic to aquatic life by GHS criteria.

No product test data available.

No component test data available.

12.2. Persistence and degradability

No test data available.

12.3 : Bioaccumulative potential

No test data available.

12.4. Mobility in soil

Please contact manufacturer for more details

12.5. Results of the PBT and vPvB assessment

No information available at this time, contact manufacturer for more details

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

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

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.

SECTION 14: Transportation information

FS-9100-5054-1, FS-9100-5055-8, FS-9100-5060-8, FS-9100-5061-6,
FS-9100-5063-2, FS-9100-5064-0

Not hazardous for transportation

ADR/IMDG/IATA: Not hazardous for transport

SECTION 15: Regulatory information

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

Global inventory status

Contact 3M for more information.

15.2. Chemical Safety Assessment

Not applicable

SECTION 16: Other information

List of relevant H statements

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

List of relevant R-phrases

R36	Irritating to eyes.
R38	Irritating to skin.
R52/53	Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Revision information:

Revision Changes:

Section 1: Product name was modified.

Page Heading: Product name was modified.

Section 9: pH information was modified.

Supersedes date text was modified.

Section 16: UK disclaimer was modified.

Section 1: Product identification numbers heading was modified.

Section 1: Product identification numbers was modified.

Section 9: Evaporation Rate information was modified.

Section 9: Viscosity information was modified.

Section 16: List of relevant R phrase information was modified.

Section 3: Composition/ Information of ingredients table was modified.

Section 9: n-octanol/water coefficient information was modified.

Section 9: Boiling point information was modified.

Section 9: Relative density information was modified.

Section 9: Solubility in water text was modified.

Section 8: Skin/hand protection heading was modified.

Section 12: Contact manufacturer for more detail. was modified.

Section 16: Regulations - Inventories - EU ONLY was modified.

Section 1: Address was modified.

Copyright was modified.

Section 9: Flash point information was modified.

Section 9: Melting point information was modified.

Section 9: Flammable limits (LEL) information was modified.

Section 9: Flammable limits (UEL) information was modified.

Section 9: Vapour density value was modified.

Section 9: Vapour pressure value was modified.

Section 9: Density information was modified.

Section 1: Initial issue message was modified.

Section 8: Occupational exposure limit table was modified.

Section 8: mg/m³ key was modified.

Aspiration Hazard Table was modified.

Section 11: Acute Toxicity table was modified.
Carcinogenicity Table was modified.
Serious Eye Damage/Irritation Table was modified.
Germ Cell Mutagenicity Table was modified.
Skin Sensitisation Table was modified.
Respiratory Sensitisation Table was modified.
Reproductive Toxicity Table was modified.
Skin Corrosion/Irritation Table was modified.
Target Organs - Repeated Table was modified.
Target Organs - Single Table was modified.
Section 11: Health Effects - Skin information was modified.
Section 11: Health Effects - Inhalation information was modified.
Section 12: No PBT/vPvB information available warning was modified.
Section 5: Hazardous combustion products table was modified.
Section 5: Fire - Extinguishing media information was modified.
Section 6: Accidental release personal information was modified.
Section 6: Accidental release clean-up information was modified.
Section 7: Precautions safe handling information was modified.
Section 8: Appropriate Engineering controls information was modified.
Section 8: Personal Protection - Skin/hand information was modified.
Section 10: Hazardous decomposition or by-products table was modified.
Section 10.1: Reactivity information was modified.
Section 13: Standard Phrase Category Waste GHS was modified.
Section 4: First aid for eye contact information was modified.
Section 4: First aid for inhalation information was modified.
Two-column table displaying the unique list of H Codes and statements (std phrases) for all components of the given material. was modified.
Section 12: Acute aquatic hazard information was added.
Section 12: Chronic aquatic hazard heading was added.
Section 12: Acute aquatic hazard heading was added.
Section 12: Chronic aquatic hazard information was added.
Section 14: Transportation classification was added.
Company logo was added.
Section 9: Property description for optional properties was added.
Telephone header was added.
Company Telephone was added.
Risk phrase - None was added.
Section 9: Odour Threshold was added.
Section 9: Solubility (non-water) was added.
Section 09: Decomposition Temperature was added.
Section 9: Autoignition temperature information was added.
Label: Graphic was added.
Section 02: Graphic information was added.
Section 9: Flammability (solid, gas) information was added.
Company Logo was deleted.
Section 3: Ingredient phrase was deleted.
Section 8: Hand Protection heading was deleted.
Section 2: Symbols heading was deleted.
Section 15: Symbol information was deleted.
Section 13: European waste code disclaimer was deleted.
Section 13: EU waste code (product as sold) heading was deleted.
Section 13: EU waste code (product as sold) information was deleted.
Section 11: UN GHS Classification table heading was deleted.
Section 8: Personal Protection - Hand 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.

3M United Kingdom MSDSs are available at www.3M.com/uk