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3M MATERIAL SAFETY DATA SHEET SCOTCH BRAND Permanent White Glue Stick 6008, 6015, 6020, 6040, 003, 0038 08/10/2004



Material Safety Data Sheet

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SCOTCH BRAND Permanent White Glue Stick 6008, 6015, 6020, 6040, 003, 0038
MANUFACTURER: 3M

DIVISION: Stationery & Office Supplies

ADDRESS: 3M Center
St. Paul, MN 55144-1000

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

Issue Date: 08/10/2004

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Product Use:

Specific Use: Glue Stick

SECTION 2: INGREDIENTS

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>% by Wt</u>
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
SODIUM HYDROXIDE	1310-73-2	0.4 - 0.6

SECTION 3: HAZARDS IDENTIFICATION

3.1 EMERGENCY OVERVIEW

Specific Physical Form: Paste

Odor, Color, Grade: White with fatty acid/acrylic odor.

General Physical Form: Solid

Immediate health, physical, and environmental hazards:

3.2 POTENTIAL HEALTH EFFECTS

Eye Contact:

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

Skin Contact:

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

Inhalation:

No health effects are expected.

Ingestion:

No health effects are expected.

SECTION 4: FIRST AID MEASURES**4.1 FIRST AID PROCEDURES**

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Eye Contact: Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

Skin Contact: No need for first aid is anticipated.

Inhalation: No need for first aid is anticipated.

If Swallowed: No need for first aid is anticipated.

SECTION 5: FIRE FIGHTING MEASURES**5.1 FLAMMABLE PROPERTIES**

Autoignition temperature

No Data Available

Flash Point

Not Applicable

Flammable Limits - LEL

Not Applicable

Flammable Limits - UEL

Not Applicable

OSHA Flammability Classification:

Not Applicable

5.2 EXTINGUISHING MEDIA

Non-combustible. Choose material suitable for surrounding fire.

5.3 PROTECTION OF FIRE FIGHTERS

Special Fire Fighting Procedures: Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

Unusual Fire and Explosion Hazards: Not applicable.

Note: See STABILITY AND REACTIVITY (SECTION 10) for hazardous combustion and thermal decomposition information.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: Observe precautions from other sections. Call 3M- HELPS line (1-800-364-3577) for more information on handling and managing the spill. Ventilate the area with fresh air. Collect as much of the spilled material as possible. Clean up residue with detergent and water. Collect the resulting residue containing solution. Place in a closed container approved for transportation by appropriate authorities.

In the event of a release of this material, the user should determine if the release qualifies as reportable according to local, state, and federal regulations.

SECTION 7: HANDLING AND STORAGE**7.1 HANDLING**

Avoid eye contact.

7.2 STORAGE

Store under normal warehouse conditions.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 ENGINEERING CONTROLS**

Not applicable.

8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)**8.2.1 Eye/Face Protection**

Avoid eye contact.

8.2.2 Skin Protection

Not applicable.

8.2.3 Respiratory Protection

Not applicable.

8.2.4 Prevention of Swallowing

Do not ingest.

8.3 EXPOSURE GUIDELINES

<u>Ingredient</u>	<u>Authority</u>	<u>Type</u>	<u>Limit</u>	<u>Additional Information</u>
N-VINYLPYRROLIDINONE POLYMER	CMRG	TWA, as respirable dust	5 mg/m3	
N-VINYLPYRROLIDINONE POLYMER	CMRG	TWA, as total dust	10 mg/m3	
POLYETHYLENE GLYCOLS	AIHA	TWA, as aerosol	10 mg/m3	
SODIUM HYDROXIDE	ACGIH	CEIL	2 mg/m3	
SODIUM HYDROXIDE	CMRG	TWA	2 mg/m3	
SODIUM HYDROXIDE	OSHA	CEIL	2 mg/m3	Table Z-1A
SODIUM HYDROXIDE	OSHA	TWA	2 mg/m3	Table Z-1

3M MATERIAL SAFETY DATA SHEET SCOTCH BRAND Permanent White Glue Stick 6008, 6015, 6020, 6040, 003, 0038 08/10/2004

STEARATES	ACGIH	TWA, as total dust	10 mg/m ³	Table A4
SUCROSE	ACGIH	TWA	10 mg/m ³	Table A4
SUCROSE	OSHA	TWA, respirable	5 mg/m ³	Table Z-1
SUCROSE	OSHA	TWA, as total dust	15 mg/m ³	Table Z-1

SOURCE OF EXPOSURE LIMIT DATA:

ACGIH: American Conference of Governmental Industrial Hygienists

CMRG: Chemical Manufacturer Recommended Guideline

OSHA: Occupational Safety and Health Administration

AIHA: American Industrial Hygiene Association Workplace Environmental Exposure Level (WBEL)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Specific Physical Form:	Paste
Odor, Color, Grade:	White with fatty acid/acrylic odor.
General Physical Form:	Solid
Autoignition temperature	No Data Available
Flash Point	Not Applicable
Flammable Limits - LEL	Not Applicable
Flammable Limits - UEL	Not Applicable
Boiling point	Not Applicable
Density	0.95 - 1 g/cm ³
Vapor Density	Not Applicable
Vapor Density	Not Applicable
Vapor Pressure	Not Applicable
Vapor Pressure	Not Applicable
Specific Gravity	0.95 - 1.0 [Ref Std: WATER=1]
pH	Approximately 10.3 Units not avail. or not appl.
Melting point	Approximately 90 °F
Solubility in Water	Appreciable
Evaporation rate	Not Applicable
Volatile Organic Compounds	No Data Available
Percent volatile	60 - 65 % weight
VOC Less H ₂ O & Exempt Solvents	No Data Available
Viscosity	Not Applicable

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable.

Materials and Conditions to Avoid: None known

Hazardous Polymerization: Hazardous polymerization will not occur.

Hazardous Decomposition or By-Products

<u>Substance</u>	<u>Condition</u>
Carbon monoxide	During Combustion
Carbon dioxide	During Combustion

SECTION 11: TOXICOLOGICAL INFORMATION

Please contact the address listed on the first page of the MSDS for Toxicological Information on this material and/or its components.

SECTION 12: ECOLOGICAL INFORMATION**ECOTOXICOLOGICAL INFORMATION**

Not determined.

CHEMICAL FATE INFORMATION

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Incinerate in an industrial or commercial facility in the presence of a combustible material. As a disposal alternative, dispose of waste product in a facility permitted to accept chemical waste.

EPA Hazardous Waste Number (RCRA): Not regulated

Since regulations vary, consult applicable regulations or authorities before disposal.

SECTION 14: TRANSPORT INFORMATION**ID Number(s):**

41-3700-5412-8, 41-3700-5422-7, 44-0028-8703-0, 44-0040-0578-9, 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, 70-0712-0710-7, 70-0712-0711-5, 70-0712-0712-3, 70-0712-0713-1, 70-0712-1480-6, 70-0712-1537-3, 70-0712-1574-6, 70-0712-1782-5, 70-0712-1806-2

Please contact the emergency numbers listed on the first page of the MSDS for Transportation Information for this material.

SECTION 15: REGULATORY INFORMATION**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

STATE REGULATIONS

Contact 3M for more information.

CHEMICAL INVENTORIES

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

All applicable chemical ingredients in this material are listed on the European Inventory of Existing Chemical Substances (EINECS), or are exempt polymers whose monomers are listed on EINECS.

Contact 3M for more information.

INTERNATIONAL REGULATIONS

Contact 3M for more information.

This MSDS 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 Reactivity: 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.

Revision Changes:

Section 1: Product name was modified.

Section 14: ID Number(s) was modified.

Page Heading: Product name was modified.

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