



Material Safety Data Sheet

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 3M(TM) Scotchcast(TM) One-Step Splint
MANUFACTURER: 3M
DIVISION: Medical Division

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

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

Issue Date: 12/20/2005
Supersedes Date: 03/17/2005

Document Group: 11-3269-5

Product Use:

Specific Use: Broken bone immobilization.

SECTION 2: INGREDIENTS

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>% by Wt</u>
Fibrous glass	65997-17-3	45 - 60
4,4'-Diphenylmethane diisocyanate-polypropylene glycol polymer	9048-57-1	20 - 30
Diphenylmethane diisocyanate	26447-40-5	6 - 14
Polyethylene glycol monooleyl ether	9004-98-2	5 - 10
1/4" Polyurethane foam & Transfer Adhesive	Unknown	6 - 8
Wollastonite	13983-17-0	1 - 5
Diphenylmethane diisocyanate homopolymer	39310-05-9	2 - 5
Polyester Spunlaced Fabric	Unknown	1 - 3
Zinc sulfide (ZnS), copper chloride doped	68611-70-1	<2
Butylated hydroxy toluene	128-37-0	<0.5

SECTION 3: HAZARDS IDENTIFICATION

3.1 EMERGENCY OVERVIEW

Specific Physical Form: Pliable solid.

Odor, Color, Grade: Off-white foam/fabric with slight odor.

General Physical Form: Solid

Immediate health, physical, and environmental hazards:

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: Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. 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 an appropriate solvent selected by a qualified and authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and MSDS. Collect the resulting residue containing solution. Place in a metal container approved for transportation by appropriate authorities. Cover, but do not seal for 48 hours. Dispose of collected material as soon as possible.

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. Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. For industrial or professional use only. Avoid contact with unprotected areas of the splint created by trimming or removal of the fabric or foam covering.

7.2 STORAGE

For best performance, store between 40-80 F in a dry environment.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 ENGINEERING CONTROLS

Use in a well-ventilated area.

8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

8.2.1 Eye/Face Protection

Avoid eye contact.

8.2.2 Skin Protection

Protective gloves are not necessary while handling this product. Care should be exercised, however, to avoid contact with unprotected areas of the splint created by trimming or removal of the fabric or foam covering. See Product Insert for additional precaution statements.

8.2.3 Respiratory Protection

atmospheric moisture or water and may become unusable.

Hazardous Polymerization: Hazardous polymerization will not occur.

Hazardous Decomposition or By-Products

<u>Substance</u>	<u>Condition</u>
Carbon monoxide	Not Specified
Carbon dioxide	Not Specified
Hydrogen Cyanide	Not Specified
Oxides of Nitrogen	Not Specified

SECTION 11: TOXICOLOGICAL INFORMATION

Product-Based Toxicology Information:

Air sampling indicates that Isocyanate vapors are not detectable during use. The limit of detection is 0.0039 parts per million. Those people with bronchial problems or with isocyanate sensitivity may respond to low isocyanate concentrations (at levels well below TLV levels of 0.02 ppm). No known occurrences with this product.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

Not determined.

CHEMICAL FATE INFORMATION

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of completely cured (or polymerized) wastes in a sanitary landfill.

As a disposal alternative, incinerate uncured product in an industrial or commercial incinerator in the presence of a combustible material.

EPA Hazardous Waste Number (RCRA): Not regulated

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

SECTION 14: TRANSPORT INFORMATION

ID Number(s):

70-2005-8961-5, 70-2005-8962-3, 70-2005-8963-1, 70-2005-8964-9, 70-2006-3707-5, 70-2006-8059-6, 70-2006-8060-4, 70-2007-3882-4, 70-2007-3883-2, 70-2007-3884-0, FH-5000-3942-2, FH-5000-3943-0, FH-5000-3944-8, FH-5000-3986-7

NFPA Hazard Classification

Health: 1 Flammability: 1 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 7: Handling information was modified.

Section 9: Property description for optional properties was modified.

Section 8: Skin protection comment was added.

Section 7: Handling comment was added.

Section 8: Other skin protection comment was deleted.

Section 8: Skin protection phrase was deleted.

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3M General Offices
3M Center
St. Paul, MN 55144-1000
1-800-364-3577 or (651) 737-6501 (24 hours)

1/18/2006 4:30:42 AM

Material Safety Data Sheet

Purchase Order #: 1028372-00
Customer Number: SBL9861

MSDS COORDINATOR
SCHOOL HEALTH
865 MUIRFIELD DR
HANOVER PARK, IL 60133-5461
United States of America

Dear MSDS COORDINATOR

Enclosed are Material Safety Data Sheets (MSDSs) for products that your company recently purchased from 3M. Your purchase order number is listed above your customer number in the address block above.

Our objective in sending this information is to help you protect the health and safety of your personnel and to comply with OSHA Hazard Communication Standard and Title III of the Superfund Amendments and Reauthorization Act of 1986. The OSHA standard requires that all personnel who may be exposed to hazardous material must be provided by their employer with accurate information on the potential hazards of the materials and trained in proper work practices to minimize any risk.

Please forward the attached MSDS(s) to the individual in your organization responsible for implementing these regulations.

If you are a distributor and resell this product, OSHA and EPA require that you transmit this MSDS information to your customers at the time of first shipment or whenever you receive revised MSDSs from 3M.

3M MSDSs are available to customers on the CD-ROM at a low annual subscription cost. Please call 1-800-944-2345 to take advantage of this offer. The customer number, which is located in the top right hand corner of this letter, confirms your eligibility. 3M MSDSs are also available at www.mmm.com.

3M is committed to meeting our customer requirements, and asks that you contact your 3M customer service or sales representative if you have any questions or problems in this regard.

If you do not know whom to contact, please call the 3M Product Information Center at 1-800-364-3577.

Sincerely,

E. Young
MSDS Program Manager
Corporate Product Responsibility

Enclosure(s)