



## Material Safety Data Sheet

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This material safety data sheet (MSDS) is provided as a courtesy in response to a customer request. This product is not regulated under, and a MSDS is not required for this product by the OSHA Hazard Communication Standard (29 CFR 1910.1200) because, when used as recommended or under ordinary conditions, it should not present a health and safety hazard. However, use or processing of the product not in accordance with the product's recommendations or not under ordinary conditions may affect the performance of the product and may present potential health and safety hazards.

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** 8300 SERIES STATIC-DISSIPATIVE HARD LAMINATE  
**MANUFACTURER:** 3M  
**DIVISION:** Electronic Solutions Division  
**ADDRESS:** 3M Center, St. Paul, MN 55144-1000

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

**Issue Date:** 08/27/13  
**Supersedes Date:** 08/27/96

**Document Group:** 11-4639-8

**Product Use:**

Intended Use: Static dissipative sheets

### SECTION 2: INGREDIENTS

| <u>Ingredient</u>                   | <u>C.A.S. No.</u> | <u>% by Wt</u> |
|-------------------------------------|-------------------|----------------|
| Laminated static dissipative sheets | None              | 100            |

### SECTION 3: HAZARDS IDENTIFICATION

#### 3.1 EMERGENCY OVERVIEW

**Odor, Color, Grade:** various colors

**General Physical Form:** Solid

**Immediate health, physical, and environmental hazards:** This product, when used under reasonable conditions and in accordance with the 3M directions for use, should not present a health hazard. However, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance of the product and may present potential health and safety

hazards.

### 3.2 POTENTIAL HEALTH EFFECTS

**Eye Contact:**

No health effects are expected. Dust created by cutting, grinding, sanding, or machining may cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Vapors from heated material may cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

**Skin Contact:**

No health effects are expected.

**Inhalation:**

No health effects are expected. Vapors from heated material may cause irritation of the respiratory system. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Dust from cutting, grinding, sanding or machining may cause irritation of the respiratory system. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Dust from cutting, grinding, sanding or machining may cause target organ effects.

**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:** Wash affected area with soap and water. If signs/symptoms develop, get medical attention.

**Inhalation:** If signs/symptoms develop, remove person to fresh air. If signs/symptoms persist, get medical attention.

**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    |

### 5.2 EXTINGUISHING MEDIA

Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

### 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. No unusual fire or explosion hazards are anticipated.

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

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Not applicable.

### 6.2. Environmental precautions

Not applicable.

### Clean-up methods

Not applicable.

## SECTION 7: HANDLING AND STORAGE

### 7.1 HANDLING

Avoid prolonged or repeated skin contact. Avoid skin contact with hot material. Avoid breathing of dust created by cutting, sanding, grinding or machining. This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

### 7.2 STORAGE

Not applicable.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 ENGINEERING CONTROLS

Not applicable. Provide appropriate local exhaust for cutting, grinding, sanding or machining. Provide appropriate local exhaust when product is heated.

### 8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

#### 8.2.1 Eye/Face Protection

Not applicable.

#### 8.2.2 Skin Protection

Not applicable. Avoid prolonged or repeated skin contact. Avoid skin contact with hot material. Gloves not normally required. Wear heat insulating gloves when handling hot material to prevent thermal burns. THE PRODUCT IS A MULTILAYERED HIGH PRESUURE LAMINATE CONSISTING OF THERMOSET RESINS, CONDUCTIVE PAPER, DECORATIVE PAPER, PIGMENTS, AND STABILIZERS.

#### 8.2.3 Respiratory Protection

Avoid breathing of dust created by cutting, sanding, grinding or machining.

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece air-purifying respirator suitable for organic vapors/acid gases and particulates  
 Half mask R95 particulate respirator  
 Half mask or full facepiece air-purifying respirator with N100 particulate filters  
 Half facepiece or full facepiece air-purifying respirator suitable for particulates

For questions about suitability for a specific application, consult with your respirator manufacturer.

**8.2.4 Prevention of Swallowing**

Not applicable.

**8.3 EXPOSURE GUIDELINES**

None Established

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

|   |                          |
|---|--------------------------|
| <b>Odor, Color, Grade:</b>                | various colors           |
| <b>General Physical Form:</b>             | Solid                    |
| <b>Autoignition temperature</b>           | <i>No Data Available</i> |
| <b>Flash Point</b>                        | <i>Not Applicable</i>    |
| <b>Flammable Limits(LEL)</b>              | <i>Not Applicable</i>    |
| <b>Flammable Limits(UEL)</b>              | <i>Not Applicable</i>    |
| <b>Boiling Point</b>                      | <i>Not Applicable</i>    |
| <br>                                      |                          |
| <b>Vapor Density</b>                      | <i>Not Applicable</i>    |
| <br>                                      |                          |
| <b>Vapor Pressure</b>                     | <i>Not Applicable</i>    |
| <br>                                      |                          |
| <b>Specific Gravity</b>                   | <i>Not Applicable</i>    |
| <b>pH</b>                                 | <i>Not Applicable</i>    |
| <b>Melting point</b>                      | <i>No Data Available</i> |
| <b>Solubility In Water</b>                | <i>Not Applicable</i>    |
| <br>                                      |                          |
| <b>Evaporation rate</b>                   | <i>Not Applicable</i>    |
| <b>Volatile Organic Compounds</b>         | <i>No Data Available</i> |
| <b>Kow - Oct/Water partition coef</b>     | <i>No Data Available</i> |
| <b>Percent volatile</b>                   | <i>Not Applicable</i>    |
| <b>VOC Less H2O &amp; Exempt Solvents</b> | <i>No Data Available</i> |
| <b>Viscosity</b>                          | <i>Not Applicable</i>    |

**SECTION 10: STABILITY AND REACTIVITY**

**Stability:** Stable.

**Materials and Conditions to Avoid:**

**10.1 Conditions to avoid**

Not determined

**10.2 Materials to avoid**

Not determined

Additional Information: Ketones

**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 Chloride | Not Specified    |
| Hydrogen Cyanide  | Not Specified    |

**Hazardous Decomposition:** Under recommended usage conditions, hazardous decomposition products are not expected. Hazardous decomposition products may occur as a result of oxidation, heating, or reaction with another material.

**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 applicable.

**CHEMICAL FATE INFORMATION**

Not applicable.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste Disposal Method:** Since regulations vary, consult applicable regulations or authorities before disposal.

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**SECTION 14: TRANSPORT INFORMATION**

**ID Number(s):**

98-0798-0826-1, 98-0798-0827-9, 98-0798-1079-6, 98-0798-1592-8, 98-0798-1593-6, 98-0798-1594-4, 98-0798-1595-1, 98-0798-1596-9, 98-0798-1597-7, 98-0798-1598-5, 98-0798-1599-3, 98-0798-1600-9, 98-0798-1601-7, 98-0798-1602-5, 98-0798-1603-3, 98-0798-1779-1, 98-0798-1784-1, 98-0798-1787-4, 98-0798-1789-0, 98-0798-1922-7

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

**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

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

No revision information is available.

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