



## Article Information Sheet

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This Article Information Sheet is provided as a courtesy in response to a customer request. A Safety Data Sheet (SDS) has not been prepared for these product(s) because they are articles. Articles are not subject to the Occupational Safety and Health Administration's Hazard Communication Standard (29 CFR 1910.1200(b)(6)(v)). As defined in this standard: "Article" means a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical, and does not pose a physical or health risk to employees.

|                        |           |                         |               |
|------------------------|-----------|-------------------------|---------------|
| <b>Document Group:</b> | 19-4993-2 | <b>Version Number:</b>  | 1.00          |
| <b>Issue Date:</b>     | 01/08/14  | <b>Supersedes Date:</b> | Initial Issue |

## SECTION 1: Identification

### 1.1. Product identifier

3M™ Polyimide Film Tape 5413

#### Product Identification Numbers

70-0160-2077-1, 70-0160-3918-5, 70-0160-3919-3, 70-0160-3920-1, 70-0160-3921-9, 70-0160-3922-7, 70-0160-3923-5, 70-0061-9375-2, 70-0061-9377-8, 70-0061-9378-6, 70-0061-9700-1, 70-0061-9702-7, 70-0061-9717-5, 70-0061-9723-3, 70-0061-9738-1, 70-0061-9744-9, 70-0062-1105-9, 70-0062-1161-2, 70-0062-1164-6, 70-0062-1211-5, 70-0062-1285-9, 70-0062-6390-2, 70-0063-7298-4, 70-0063-7435-2, 70-0063-7564-9, 70-0063-7593-8, 70-0063-7757-9, 70-0063-7815-5, 70-0063-7855-1, 70-0063-7893-2, 70-0063-7894-0, 70-0063-7995-5, 70-0063-8028-4, 70-0063-8034-2, 70-0063-8035-9, 70-0063-8046-6, 70-0063-8057-3, 70-0063-8081-3, 70-0063-8109-2, 70-0063-8199-3, 70-0160-4800-4, 70-0160-4853-3, 70-0160-4889-7, 70-0160-5468-9, 70-0160-5527-2, 70-0160-5631-2, 70-0160-5643-7, 70-0160-5674-2

### 1.2. Recommended use and restrictions on use

#### Recommended use

Broad temperature specialty tape for application temperatures from -100°F to 500°F., Attachment/Reinforcement

### 1.3. Supplier's details

|                      |                                         |
|----------------------|-----------------------------------------|
| <b>MANUFACTURER:</b> | 3M                                      |
| <b>DIVISION:</b>     | Electronics Markets Materials Division  |
| <b>ADDRESS:</b>      | 3M Center, St. Paul, MN 55144-1000, USA |
| <b>Telephone:</b>    | 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

This product is exempt from hazard classification according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### SECTION 3: Composition/information on ingredients

| Ingredient             | C.A.S. No.    | % by Wt |
|------------------------|---------------|---------|
| Silicone Adhesive      | Trade Secret* | 50 - 65 |
| Polyimide Film Backing | None          | 35 - 50 |

\*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:**

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.

### SECTION 5: Fire-fighting measures

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

### SECTION 6: Accidental release measures

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

Not applicable.

#### 6.2. Environmental precautions

Not applicable.

#### 6.3. Methods and material for containment and cleaning up

Not applicable.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

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. Conditions for safe storage including any incompatibilities

No special storage requirements.

### SECTION 8: Exposure controls/personal protection

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. No engineering controls or personal protective equipment (PPE) are necessary.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                                                |                                                             |
|------------------------------------------------|-------------------------------------------------------------|
| <b>General Physical Form:</b>                  | Solid                                                       |
| <b>Odor, Color, Grade:</b>                     | Amber polyimide film with clear pressure sensitive adhesive |
| <b>Odor threshold</b>                          | <i>Not Applicable</i>                                       |
| <b>pH</b>                                      | <i>Not Applicable</i>                                       |
| <b>Melting point</b>                           | <i>Not Applicable</i>                                       |
| <b>Boiling Point</b>                           | <i>Not Applicable</i>                                       |
| <b>Flash Point</b>                             | <i>Not Applicable</i>                                       |
| <b>Evaporation rate</b>                        | <i>Not Applicable</i>                                       |
| <b>Flammability (solid, gas)</b>               | Not Classified                                              |
| <b>Flammable Limits(LEL)</b>                   | <i>Not Applicable</i>                                       |
| <b>Flammable Limits(UEL)</b>                   | <i>Not Applicable</i>                                       |
| <b>Vapor Pressure</b>                          | <i>Not Applicable</i>                                       |
| <b>Vapor Density</b>                           | <i>Not Applicable</i>                                       |
| <b>Density</b>                                 | <i>Not Applicable</i>                                       |
| <b>Specific Gravity</b>                        | <i>Not Applicable</i>                                       |
| <b>Solubility in Water</b>                     | Nil                                                         |
| <b>Solubility- non-water</b>                   | <i>Not Applicable</i>                                       |
| <b>Partition coefficient: n-octanol/ water</b> | <i>No Data Available</i>                                    |
| <b>Autoignition temperature</b>                | <i>Not Applicable</i>                                       |
| <b>Decomposition temperature</b>               | <i>Not Applicable</i>                                       |
| <b>Viscosity</b>                               | <i>Not Applicable</i>                                       |
| <b>Percent volatile</b>                        | <i>Not Applicable</i>                                       |

## SECTION 10: Stability and reactivity

This material is considered to be non reactive under normal use conditions.

## SECTION 11: Toxicological information

### Inhalation:

No health effects are expected

### Skin Contact:

No health effects are expected

### Eye Contact:

No health effects are expected

### Ingestion:

No health effects are expected

**Additional Information:**

This product, when used under reasonable conditions and in accordance with the 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.

**SECTION 12: Ecological information**

This article is expected to present a low environmental risk either because use and disposal are unlikely to result in a significant release of components to the environment or because those components that may be released are expected to have insignificant environmental impact.

**SECTION 13: Disposal considerations**

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

**SECTION 14: Transport Information**

Not regulated per U.S. DOT, IATA or IMO.

*These transportation classifications are provided as a customer service. As the shipper YOU remain responsible for complying with all applicable laws and regulations, including proper transportation classification and packaging. 3M transportation classifications are based on product formulation, packaging, 3M policies and 3M understanding of applicable current regulations. 3M does not guarantee the accuracy of this classification information. This information applies only to transportation classification and **not the packaging, labeling, or marking requirements**. The original 3M package is certified for U.S. ground shipment only. If you are shipping by air or ocean, the package may not meet applicable regulatory requirements.*

**SECTION 15: Regulatory information**

**Chemical Inventories**

This product is an article as defined by TSCA regulations, and is exempt from TSCA Inventory requirements.

**SECTION 16: Other information**

**NFPA Hazard Classification**

**Health: 0 Flammability: 1 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.

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