



## Safety Data Sheet

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This Safety Data Sheet (SDS) is provided as a courtesy in response to a customer request. This product is not regulated under, and a SDS 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.

<b>Document Group:</b>	42-1008-4	<b>Version Number:</b>	1.01
<b>Issue Date:</b>	05/03/21	<b>Supersedes Date:</b>	09/18/20

### Product identifier

Electrical Kit with Shearbolt and Grounding Braid(lead)

### Recommended use

Industrial use

### Supplier's details

<b>MANUFACTURER:</b>	3M
<b>DIVISION:</b>	Electrical Markets Division
<b>ADDRESS:</b>	3M Center, St. Paul, MN 55144-1000, USA
<b>Telephone:</b>	1-888-3M HELPS (1-888-364-3577)

### Emergency telephone number

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

**This product is a kit or a multipart product which consists of multiple, independently packaged components. A Safety Data Sheet (SDS), Article Information Sheet (AIS), or Article Information Letter (AIL) for each of these components is included. Please do not separate the component documents from this cover page. The document numbers for components of this product are:**

34-8871-5, 39-0266-5

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<b>Document Group:</b>	39-0266-5	<b>Version Number:</b>	1.02
<b>Issue Date:</b>	06/09/26	<b>Supersedes Date:</b>	04/30/21

### SECTION 1: Identification

#### 1.1. Product identifier

Electrical Grounding Braids with Solder

#### Product Identification Numbers

78-8050-9517-7, 78-8092-1214-1, 78-8113-5088-9, 78-8113-5089-7, 78-8113-5150-7, 78-8113-5151-5, 78-8113-5152-3, 78-8113-5153-1, 78-8113-5182-0, 78-8113-5183-8, 78-8113-5184-6, 78-8117-0711-2, 78-8124-5431-8, 78-8126-0128-0, 78-8126-5570-8, 78-8126-6451-0, 78-8126-6732-3, 78-8126-6881-8, 78-8126-6946-9, 78-8127-5328-9, 78-8127-6713-1, 78-8127-9770-8, 78-8127-9771-6, 78-8127-9772-4, 78-8129-9464-4, 78-8141-4597-1, 78-8141-4598-9, 78-8141-5147-4, 78-8141-5148-2, 78-8141-5318-1, 78-8141-5403-1, 78-8141-5417-1, 78-8141-5419-7, 78-8141-5421-3, 78-8141-5439-5, 78-8141-5617-6, 78-8141-5628-3, 78-8141-5855-2, 78-8141-5856-0, 78-8141-6001-2, 78-8141-6029-3, 78-8141-6078-0, 78-8141-6105-1, 78-8141-6107-7, 78-8141-6187-9, 78-8141-6264-6, 78-8141-6406-3, 78-8141-6426-1, 78-8141-6434-5, 78-8141-6681-1, 78-8141-6775-1, 78-8141-6798-3, 78-8141-6880-9, 78-8141-7607-5, 78-8141-7650-5, 78-8141-7661-2, 78-8141-7930-1, 78-8141-7991-3, 78-8141-7992-1, 78-8141-8021-8, 78-8141-8127-3, 78-8141-8129-9, 78-8141-8131-5, 78-8141-8132-3, 78-8141-8201-6, 78-8141-8204-0, 78-8141-8250-3, 78-8141-8332-9, 78-8141-8501-9, 78-8141-8503-5, 78-8141-8679-3, 78-8141-8770-0, 78-8141-9424-3, 78-8141-9497-9, 78-8141-9498-7, 78-9237-0149-0, 78-9237-0834-7, 78-9237-0835-4, 78-9237-1017-8  
4100029036, 4100028932, 4100028928, 4100028926, 4100028909, 4100026962, 4100023434, 7000005553, 4010005685, 4010004368, 4100028684

#### 1.2. Recommended use and restrictions on use

##### Recommended use

Electrical

#### 1.3. Supplier’s details

<b>MANUFACTURER:</b>	3M
<b>DIVISION:</b>	Electrical Markets 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
COPPER	7440-50-8	88 - 99
TIN	7440-31-5	0.5 - 6.5
Lead	7439-92-1	0.3 - 4
ROSIN	8050-09-7	0.001 - 1

## 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 carbon dioxide or dry chemical extinguisher to extinguish.

## 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**

Physical state	Solid
Color	Silver
Odor	Metallic
Odor threshold	No Data Available
pH	Not Applicable
Melting point/Freezing point	1,083 °C
Boiling point/Initial boiling point/Boiling range	Not Applicable
Flash Point	No flash point
Evaporation rate	No Data Available
Flammability	Not Applicable
Flammable Limits(LEL)	Not Applicable
Flammable Limits(UEL)	Not Applicable
Vapor Pressure	Not Applicable
Relative Vapor Density	No Data Available
Density	No Data Available
Relative Density	No Data Available
Water solubility	Nil
Solubility- non-water	Not Applicable
Partition coefficient: n-octanol/ water	No Data Available
Autoignition temperature	816 °C
Decomposition temperature	200 °C
Kinematic Viscosity	No Data Available
Volatile Organic Compounds	No Data Available
Percent volatile	No Data Available
VOC Less H2O & Exempt Solvents	No Data Available
Molecular weight	Not Applicable

Particle Characteristics	Not Applicable
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**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**

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

**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: 0 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.

<b>Document Group:</b>	39-0266-5	<b>Version Number:</b>	1.02
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<b>Document Group:</b>	34-8871-5	<b>Version Number:</b>	2.00
<b>Issue Date:</b>	10/15/18	<b>Supersedes Date:</b>	02/15/16

### SECTION 1: Identification

#### 1.1. Product identifier

3M™ Shearbolt Connectors and Lugs

#### 1.2. Recommended use and restrictions on use

##### Recommended use

Electrical

#### 1.3. Supplier's details

<b>MANUFACTURER:</b>	3M
<b>DIVISION:</b>	Electrical Markets Division
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<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
Tin Plated Aluminum Alloy	Mixture	60 - 85
Steel	12597-69-2	10 - 30
Brass	Mixture	5 - 20

Mineral Oil Grease	Mixture	< 0.3
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## 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 carbon dioxide or dry chemical extinguisher to extinguish.

## 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

General Physical Form: Solid

Odor, Color, Grade:

Odor threshold	<i>Not Applicable</i>
pH	<i>No Data Available</i>
Melting point	<i>Not Applicable</i>
Boiling Point	<i>Not Applicable</i>
Flash Point	No flash point
Evaporation rate	<i>Not Applicable</i>
Flammability (solid, gas)	Not Available
Flammable Limits(LEL)	<i>Not Applicable</i>
Flammable Limits(UEL)	<i>Not Applicable</i>
Vapor Pressure	<i>Not Applicable</i>
Vapor Density	<i>Not Applicable</i>
Density	<i>No Data Available</i>
Specific Gravity	<i>No Data Available</i>
Solubility in Water	Nil
Solubility- non-water	Nil
Partition coefficient: n-octanol/ water	<i>Not Applicable</i>
Autoignition temperature	<i>Not Applicable</i>
Decomposition temperature	<i>Not Applicable</i>
Viscosity	<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

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

## 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

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