



## Safety Data Sheet

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### SECTION 1: Identification

#### 1.1. Product identifier

3M™ Scotch-Weld™ Structural Adhesive Film AF 126, 0.03Wt and 0.06Wt

#### Product Identification Numbers

62-3126-0305-3, 62-3126-1200-5, 62-3126-3901-6, 62-3126-3902-4, 62-3126-4505-4, 62-3126-5301-7, 62-3126-5302-5, 62-3126-5303-3, 62-3126-5305-8, 62-3126-5306-6, 62-3326-0305-9, 62-3326-0450-3, 62-3326-0452-9, 62-3326-0555-9, 62-3326-0655-7, 62-3326-1205-0, 62-3326-1735-6, 62-3326-1752-1, 62-3326-2001-2, 62-3326-2006-1, 62-3326-2805-6, 62-3326-2806-4, 62-3326-3301-5, 62-3326-3305-6, 62-3326-3755-2, 62-3326-3901-2, 62-3326-3902-0, 62-3326-4505-0, 62-3326-4506-8, 62-3326-5301-3, 62-3326-5303-9, 62-3326-5307-0, 87-3300-0585-8, 7100141413, 7010366098, 7010367403, 7000046454, 7100014087, 7100067136

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

##### Recommended use

Structural Adhesive Film

#### 1.3. Supplier's details

**MANUFACTURER:** 3M  
**DIVISION:** Automotive and Aerospace Solutions Division  
**ADDRESS:** 3M Center, St. Paul, MN 55144-1000, USA  
**Telephone:** 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

#### 2.1. Hazard classification

Not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### 2.2. Label elements

##### Signal word

Not applicable.

##### Symbols

Not applicable.

##### Pictograms

Not applicable.

### SECTION 3: Composition/information on ingredients

| Ingredient                                             | C.A.S. No. | % by Wt                |
|--------------------------------------------------------|------------|------------------------|
| BISPHENOL A DIGLYCIDYL ETHER-BISPHENOL A COPOLYMER     | 25036-25-3 | 60 - 80 Trade Secret * |
| ACRYLONITRILE-1,3-BUTADIENE-METHACRYLIC ACID COPOLYMER | 9010-81-5  | 10 - 30                |
| 4,4'-ISOPROPYLIDENEDIPHENOL-EPICHLOROHYDRIN POLYMER    | 25068-38-6 | 7 - 13 Trade Secret *  |
| Dicyandiamide                                          | 461-58-5   | 1 - 5                  |
| para-Chlorophenol-Dimethylurea                         | 150-68-5   | 1 - 5 Trade Secret *   |
| CHROMIUM OXIDE (CR2O3)                                 | 1308-38-9  | 0.1 - 1                |

\*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:

Remove person to fresh air. If you feel unwell, get medical attention.

##### Skin Contact:

Wash with soap and water. If signs/symptoms develop, get medical attention.

##### Eye Contact:

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

##### If Swallowed:

Rinse mouth. If you feel unwell, get medical attention.

#### 4.2. Most important symptoms and effects, both acute and delayed

No critical symptoms or effects. See Section 11.1, information on toxicological effects.

#### 4.3. Indication of any immediate medical attention and special treatment required

Not applicable

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable extinguishing media

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

#### 5.2. Special hazards arising from the substance or mixture

None inherent in this product.

#### Hazardous Decomposition or By-Products

##### Substance

Aldehydes  
Chlorine  
Carbon monoxide  
Carbon dioxide  
Hydrogen Chloride

##### Condition

During Combustion  
During Combustion  
During Combustion  
During Combustion  
During Combustion

Hydrogen Cyanide  
Ammonia  
Oxides of Nitrogen

During Combustion  
During Combustion  
During Combustion

### 5.3. Special protective actions for fire-fighters

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

## SECTION 6: Accidental release measures

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

Evacuate area. Ventilate the area with fresh air. Use personal protective equipment based on the results of an exposure assessment. Refer to Section 8 for PPE recommendations. If anticipated exposure resulting from an accidental release exceeds the protective capabilities of the PPE listed in Section 8, or are unknown, select PPE that offers an appropriate level of protection. Consider the physical and chemical hazards of the material when doing so. Examples of PPE ensembles for emergency response could include wearing bunker gear for a release of flammable material; wearing chemical protective clothing if the spilled material is a corrosive, a sensitizer, a significant dermal irritant, or can be absorbed through the skin; or donning a positive pressure supplied-air respirator for chemicals with inhalation hazards. For information regarding physical and health hazards, refer to sections 2 and 11 of the SDS.

### 6.2. Environmental precautions

Avoid release to the environment.

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

Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

For industrial/occupational use only. Not for consumer sale or use. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment.

### 7.2. Conditions for safe storage including any incompatibilities

Store away from heat. Store away from amines.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

| Ingredient                  | C.A.S. No. | Agency | Limit type                                      | Additional Comments                                              |
|-----------------------------|------------|--------|-------------------------------------------------|------------------------------------------------------------------|
| CHROMIUM (II) COMPOUNDS     | 1308-38-9  | OSHA   | TWA(as Cr):0.5 mg/m3                            |                                                                  |
| CHROMIUM (III) COMPOUNDS    | 1308-38-9  | ACGIH  | TWA(as Cr(III), inhalable fraction):0.003 mg/m3 | A4: Not class. as human carcin                                   |
| CHROMIUM (III) COMPOUNDS    | 1308-38-9  | OSHA   | TWA(as Cr):0.5 mg/m3                            |                                                                  |
| Chromium(3+), soluble salts | 1308-38-9  | ACGIH  | TWA(as Cr(III), inhalable fraction):0.003 mg/m3 | A4: Not class. as human carcin,<br>Dermal/Respiratory Sensitizer |

|                                |           |                         |                                         |  |
|--------------------------------|-----------|-------------------------|-----------------------------------------|--|
| Chromium, insoluble salts      | 1308-38-9 | OSHA                    | TWA(as Cr):1 mg/m3                      |  |
| para-Chlorophenol-Dimethylurea | 150-68-5  | Manufacturer determined | TWA(Inhalable aerosol)(8 hours):1 mg/m3 |  |

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines

OSHA : United States Department of Labor - Occupational Safety and Health Administration

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

## 8.2. Exposure controls

### 8.2.1. Engineering controls

Provide ventilated enclosure for curing. Curing enclosures must be exhausted to outdoors or to a suitable emission control device. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

### 8.2.2. Personal protective equipment (PPE)

#### Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:

Safety Glasses with side shields

#### Skin/hand protection

No protective gloves required.

#### Respiratory protection

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 or full facepiece air-purifying respirator suitable for particulates

Half facepiece or full facepiece supplied-air respirator

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

## SECTION 9: Physical and chemical properties

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

#### Appearance

Physical state

Solid

Color

Green

Specific Physical Form:

Film

Odor

Odorless

Odor threshold

No Data Available

pH

Not Applicable

Melting point

No Data Available

Boiling Point

Not Applicable

Flash Point

No flash point

Evaporation rate

Not Applicable

Flammability (solid, gas)

Not Classified

|                                         |                          |
|-----------------------------------------|--------------------------|
| 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                     | <i>Nil</i>               |
| Solubility- non-water                   | <i>No Data Available</i> |
| Partition coefficient: n-octanol/ water | <i>Not Applicable</i>    |
| Autoignition temperature                | <i>Not Applicable</i>    |
| Decomposition temperature               | <i>No Data Available</i> |
| Viscosity                               | <i>Not Applicable</i>    |
| Molecular weight                        | <i>No Data Available</i> |
| Volatile Organic Compounds              | <i>Not Applicable</i>    |
| Percent volatile                        | <i>Nil</i>               |
| VOC Less H2O & Exempt Solvents          | <i>Not Applicable</i>    |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.

### 10.2. Chemical stability

Stable.

### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4. Conditions to avoid

Heat

### 10.5. Incompatible materials

Amines

### 10.6. Hazardous decomposition products

| <u>Substance</u> | <u>Condition</u> |
|------------------|------------------|
|------------------|------------------|

|             |  |
|-------------|--|
| None known. |  |
|-------------|--|

Refer to section 5.2 for hazardous decomposition products during combustion.

## SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

### 11.1. Information on Toxicological effects

#### Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

#### Inhalation:

**Respiratory Tract Irritation:** Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

**Skin Contact:**

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

**Eye Contact:**

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

**Ingestion:**

Physical Blockage: Signs/symptoms may include cramping, abdominal pain, and constipation.

**Toxicological Data**

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

**Acute Toxicity**

| Name                                                   | Route                          | Species                | Value                                          |
|--------------------------------------------------------|--------------------------------|------------------------|------------------------------------------------|
| Overall product                                        | Dermal                         |                        | No data available; calculated ATE >5,000 mg/kg |
| Overall product                                        | Ingestion                      |                        | No data available; calculated ATE >5,000 mg/kg |
| BISPHENOL A DIGLYCIDYL ETHER-BISPHENOL A COPOLYMER     | Dermal                         | Rat                    | LD50 > 1,600 mg/kg                             |
| BISPHENOL A DIGLYCIDYL ETHER-BISPHENOL A COPOLYMER     | Ingestion                      | Rat                    | LD50 > 1,000 mg/kg                             |
| ACRYLONITRILE-1,3-BUTADIENE-METHACRYLIC ACID COPOLYMER | Dermal                         |                        | LD50 estimated to be > 5,000 mg/kg             |
| ACRYLONITRILE-1,3-BUTADIENE-METHACRYLIC ACID COPOLYMER | Ingestion                      |                        | LD50 estimated to be 2,000 - 5,000 mg/kg       |
| 4,4'-ISOPROPYLIDENEDIPHENOL-EPICHLOROXYDRIN POLYMER    | Dermal                         | Rat                    | LD50 > 1,600 mg/kg                             |
| 4,4'-ISOPROPYLIDENEDIPHENOL-EPICHLOROXYDRIN POLYMER    | Ingestion                      | Rat                    | LD50 > 1,000 mg/kg                             |
| Dicyandiamide                                          | Dermal                         | Rabbit                 | LD50 > 10,000 mg/kg                            |
| Dicyandiamide                                          | Ingestion                      | Rat                    | LD50 > 30,000 mg/kg                            |
| para-Chlorophenol-Dimethylurea                         | Dermal                         | Rabbit                 | LD50 > 2,500 mg/kg                             |
| para-Chlorophenol-Dimethylurea                         | Ingestion                      | Rat                    | LD50 1,480 mg/kg                               |
| CHROMIUM OXIDE (CR2O3)                                 | Dermal                         | Professional judgement | LD50 estimated to be > 5,000 mg/kg             |
| CHROMIUM OXIDE (CR2O3)                                 | Inhalation-Dust/Mist (4 hours) | Rat                    | LC50 > 5.41 mg/l                               |
| CHROMIUM OXIDE (CR2O3)                                 | Ingestion                      | Rat                    | LD50 > 5,000 mg/kg                             |

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

| Name                                                   | Species                 | Value                     |
|--------------------------------------------------------|-------------------------|---------------------------|
| Overall product                                        | Multiple animal species | No significant irritation |
| BISPHENOL A DIGLYCIDYL ETHER-BISPHENOL A COPOLYMER     | Rabbit                  | Mild irritant             |
| ACRYLONITRILE-1,3-BUTADIENE-METHACRYLIC ACID COPOLYMER | Professional judgement  | No significant irritation |
| 4,4'-ISOPROPYLIDENEDIPHENOL-EPICHLOROXYDRIN POLYMER    | Rabbit                  | Mild irritant             |
| Dicyandiamide                                          | Human and animal        | Minimal irritation        |
| para-Chlorophenol-Dimethylurea                         | similar                 | Mild irritant             |

|                        |           |                           |
|------------------------|-----------|---------------------------|
|                        | compounds |                           |
| CHROMIUM OXIDE (CR2O3) | Rabbit    | No significant irritation |

### Serious Eye Damage/Irritation

| Name                                                   | Species                | Value                     |
|--------------------------------------------------------|------------------------|---------------------------|
| BISPHENOL A DIGLYCIDYL ETHER-BISPHENOL A COPOLYMER     | Rabbit                 | Moderate irritant         |
| ACRYLONITRILE-1,3-BUTADIENE-METHACRYLIC ACID COPOLYMER | Professional judgement | No significant irritation |
| 4,4'-ISOPROPYLIDENEDIPHENOL-EPICHLOROXYDRIN POLYMER    | Rabbit                 | Moderate irritant         |
| Dicyandiamide                                          | Professional judgement | Mild irritant             |
| para-Chlorophenol-Dimethylurea                         | similar compounds      | Moderate irritant         |
| CHROMIUM OXIDE (CR2O3)                                 | Rabbit                 | No significant irritation |

### Skin Sensitization

| Name                                                | Species           | Value          |
|-----------------------------------------------------|-------------------|----------------|
| Overall product                                     | Guinea pig        | Not classified |
| BISPHENOL A DIGLYCIDYL ETHER-BISPHENOL A COPOLYMER  | Human and animal  | Sensitizing    |
| 4,4'-ISOPROPYLIDENEDIPHENOL-EPICHLOROXYDRIN POLYMER | Human and animal  | Sensitizing    |
| Dicyandiamide                                       | Guinea pig        | Not classified |
| CHROMIUM OXIDE (CR2O3)                              | similar compounds | Not classified |

### Respiratory Sensitization

| Name                                                | Species | Value          |
|-----------------------------------------------------|---------|----------------|
| BISPHENOL A DIGLYCIDYL ETHER-BISPHENOL A COPOLYMER  | Human   | Not classified |
| 4,4'-ISOPROPYLIDENEDIPHENOL-EPICHLOROXYDRIN POLYMER | Human   | Not classified |

### Germ Cell Mutagenicity

| Name                                                | Route    | Value                                                                        |
|-----------------------------------------------------|----------|------------------------------------------------------------------------------|
| BISPHENOL A DIGLYCIDYL ETHER-BISPHENOL A COPOLYMER  | In vivo  | Not mutagenic                                                                |
| BISPHENOL A DIGLYCIDYL ETHER-BISPHENOL A COPOLYMER  | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| 4,4'-ISOPROPYLIDENEDIPHENOL-EPICHLOROXYDRIN POLYMER | In vivo  | Not mutagenic                                                                |
| 4,4'-ISOPROPYLIDENEDIPHENOL-EPICHLOROXYDRIN POLYMER | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| Dicyandiamide                                       | In Vitro | Not mutagenic                                                                |
| para-Chlorophenol-Dimethylurea                      | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| para-Chlorophenol-Dimethylurea                      | In vivo  | Some positive data exist, but the data are not sufficient for classification |
| CHROMIUM OXIDE (CR2O3)                              | In vivo  | Not mutagenic                                                                |
| CHROMIUM OXIDE (CR2O3)                              | In Vitro | Some positive data exist, but the data are not sufficient for classification |

### Carcinogenicity

| Name                                                | Route     | Species | Value                                                                        |
|-----------------------------------------------------|-----------|---------|------------------------------------------------------------------------------|
| BISPHENOL A DIGLYCIDYL ETHER-BISPHENOL A COPOLYMER  | Dermal    | Mouse   | Some positive data exist, but the data are not sufficient for classification |
| 4,4'-ISOPROPYLIDENEDIPHENOL-EPICHLOROXYDRIN POLYMER | Dermal    | Mouse   | Some positive data exist, but the data are not sufficient for classification |
| Dicyandiamide                                       | Ingestion | Rat     | Not carcinogenic                                                             |
| para-Chlorophenol-Dimethylurea                      | Ingestion | Rat     | Some positive data exist, but the data are not sufficient for classification |
| CHROMIUM OXIDE (CR2O3)                              | Ingestion | Rat     | Not carcinogenic                                                             |

## Reproductive Toxicity

### Reproductive and/or Developmental Effects

| Name                                                | Route     | Value                                  | Species | Test Result           | Exposure Duration              |
|-----------------------------------------------------|-----------|----------------------------------------|---------|-----------------------|--------------------------------|
| BISPHENOL A DIGLYCIDYL ETHER-BISPHENOL A COPOLYMER  | Ingestion | Not classified for female reproduction | Rat     | NOAEL 750 mg/kg/day   | 2 generation                   |
| BISPHENOL A DIGLYCIDYL ETHER-BISPHENOL A COPOLYMER  | Ingestion | Not classified for male reproduction   | Rat     | NOAEL 750 mg/kg/day   | 2 generation                   |
| BISPHENOL A DIGLYCIDYL ETHER-BISPHENOL A COPOLYMER  | Dermal    | Not classified for development         | Rabbit  | NOAEL 300 mg/kg/day   | during organogenesis           |
| BISPHENOL A DIGLYCIDYL ETHER-BISPHENOL A COPOLYMER  | Ingestion | Not classified for development         | Rat     | NOAEL 750 mg/kg/day   | 2 generation                   |
| 4,4'-ISOPROPYLIDENEDIPHENOL-EPICHLOROXYDRIN POLYMER | Ingestion | Not classified for female reproduction | Rat     | NOAEL 750 mg/kg/day   | 2 generation                   |
| 4,4'-ISOPROPYLIDENEDIPHENOL-EPICHLOROXYDRIN POLYMER | Ingestion | Not classified for male reproduction   | Rat     | NOAEL 750 mg/kg/day   | 2 generation                   |
| 4,4'-ISOPROPYLIDENEDIPHENOL-EPICHLOROXYDRIN POLYMER | Dermal    | Not classified for development         | Rabbit  | NOAEL 300 mg/kg/day   | during organogenesis           |
| 4,4'-ISOPROPYLIDENEDIPHENOL-EPICHLOROXYDRIN POLYMER | Ingestion | Not classified for development         | Rat     | NOAEL 750 mg/kg/day   | 2 generation                   |
| Dicyandiamide                                       | Ingestion | Not classified for female reproduction | Rat     | NOAEL 1,000 mg/kg/day | prematuring & during gestation |
| Dicyandiamide                                       | Ingestion | Not classified for male reproduction   | Rat     | NOAEL 1,000 mg/kg/day | 44 days                        |
| Dicyandiamide                                       | Ingestion | Not classified for development         | Rat     | NOAEL 1,000 mg/kg/day | prematuring & during gestation |
| para-Chlorophenol-Dimethylurea                      | Ingestion | Not classified for development         | Mouse   | LOAEL 215 mg/kg/day   | during gestation               |
| CHROMIUM OXIDE (CR2O3)                              | Ingestion | Not classified for female reproduction | Rat     | NOAEL 2,000 mg/kg/day | 90 days                        |
| CHROMIUM OXIDE (CR2O3)                              | Ingestion | Not classified for male reproduction   | Rat     | NOAEL 2,000 mg/kg/day | 90 days                        |
| CHROMIUM OXIDE (CR2O3)                              | Ingestion | Not classified for development         | Rat     | NOAEL 2,000 mg/kg/day | 90 days                        |

## Target Organ(s)

### Specific Target Organ Toxicity - single exposure

| Name                           | Route      | Target Organ(s)        | Value                                                                        | Species           | Test Result         | Exposure Duration |
|--------------------------------|------------|------------------------|------------------------------------------------------------------------------|-------------------|---------------------|-------------------|
| para-Chlorophenol-Dimethylurea | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar compounds | NOAEL Not available |                   |
| para-Chlorophenol-Dimethylurea | Ingestion  | methemoglobinemia      | Some positive data exist, but the data are not sufficient for classification | Rat               | NOAEL Not available | not applicable    |
| CHROMIUM OXIDE (CR2O3)         | Inhalation | respiratory system     | Not classified                                                               | Rat               | NOAEL 40 mg         |                   |

**Specific Target Organ Toxicity - repeated exposure**

| Name                                                 | Route      | Target Organ(s)                                                                                          | Value                                                                        | Species | Test Result           | Exposure Duration |
|------------------------------------------------------|------------|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|---------|-----------------------|-------------------|
| BISPHENOL A DIGLYCIDYL ETHER-BISPHENOL A COPOLYMER   | Dermal     | liver                                                                                                    | Not classified                                                               | Rat     | NOAEL 1,000 mg/kg/day | 2 years           |
| BISPHENOL A DIGLYCIDYL ETHER-BISPHENOL A COPOLYMER   | Dermal     | nervous system                                                                                           | Not classified                                                               | Rat     | NOAEL 1,000 mg/kg/day | 13 weeks          |
| BISPHENOL A DIGLYCIDYL ETHER-BISPHENOL A COPOLYMER   | Ingestion  | auditory system   heart   endocrine system   hematopoietic system   liver   eyes   kidney and/or bladder | Not classified                                                               | Rat     | NOAEL 1,000 mg/kg/day | 28 days           |
| 4,4'-ISOPROPYLIDENEDIPH ENOL-EPICHLOROXYDRIN POLYMER | Dermal     | liver                                                                                                    | Not classified                                                               | Rat     | NOAEL 1,000 mg/kg/day | 2 years           |
| 4,4'-ISOPROPYLIDENEDIPH ENOL-EPICHLOROXYDRIN POLYMER | Dermal     | nervous system                                                                                           | Not classified                                                               | Rat     | NOAEL 1,000 mg/kg/day | 13 weeks          |
| 4,4'-ISOPROPYLIDENEDIPH ENOL-EPICHLOROXYDRIN POLYMER | Ingestion  | auditory system   heart   endocrine system   hematopoietic system   liver   eyes   kidney and/or bladder | Not classified                                                               | Rat     | NOAEL 1,000 mg/kg/day | 28 days           |
| Dicyandiamide                                        | Ingestion  | kidney and/or bladder                                                                                    | Not classified                                                               | Rat     | NOAEL 6,822 mg/kg/day | 13 weeks          |
| para-Chlorophenol-Dimethylurea                       | Ingestion  | liver                                                                                                    | Some positive data exist, but the data are not sufficient for classification | Mouse   | LOAEL 800 mg/kg/day   | 103 weeks         |
| para-Chlorophenol-Dimethylurea                       | Ingestion  | kidney and/or bladder                                                                                    | Not classified                                                               | Rat     | LOAEL 65 mg/kg/day    | 103 weeks         |
| para-Chlorophenol-Dimethylurea                       | Ingestion  | immune system                                                                                            | Not classified                                                               | Rat     | LOAEL 520 mg/kg/day   | 13 weeks          |
| CHROMIUM OXIDE (CR2O3)                               | Inhalation | immune system   respiratory system   hematopoietic system   liver   kidney and/or bladder                | Not classified                                                               | Rat     | NOAEL 44 mg/m3        | 90 days           |

**Aspiration Hazard**

For the component/components, either no data are currently available or the data are not sufficient for classification.

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

**SECTION 12: Ecological information****Ecotoxicological information**

Please contact the address or phone number listed on the first page of the SDS for additional ecotoxicological information on this material and/or its components.

## Chemical fate information

Please contact the address or phone number listed on the first page of the SDS for additional chemical fate information on this material and/or its components.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

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

Dispose of completely cured (or polymerized) material in a permitted industrial waste facility. As a disposal alternative, incinerate uncured product in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. Combustion products will include halogen acid (HCl/HF/HBr). Facility must be capable of handling halogenated materials. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

**EPA Hazardous Waste Number (RCRA):** D007 (Chromium)

## 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

### 15.1. US Federal Regulations

Contact 3M for more information.

#### EPCRA 311/312 Hazard Classifications:

##### Physical Hazards

Not applicable

##### Health Hazards

Not applicable

**Section 313 Toxic Chemicals subject to the reporting requirements of that section and 40 CFR part 372 (EPCRA):**

| <u><b>Ingredient</b></u>       | <u><b>C.A.S. No</b></u> | <u><b>% by Wt</b></u> |
|--------------------------------|-------------------------|-----------------------|
| para-Chlorophenol-Dimethylurea | 150-68-5                | Trade Secret 1 - 5    |

### 15.2. State Regulations

Contact 3M for more information.

### 15.3. Chemical Inventories

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

Contact 3M for more information.

### 15.4. International Regulations

Contact 3M for more information.

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

## SECTION 16: Other information

### NFPA Hazard Classification

**Health:** 1 **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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