# Safety Data Sheet



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|---|---|---|---|
| **Document Group:** | 32-7460-2 | **Version Number:** | 7.00 |
| **Issue Date:** | 07/03/23 | **Supercedes Date:** | 06/27/22 |

## SECTION 1: Identification

**1.1. Product identifier**
3M™ Cavilon™ Durable Barrier Cream 3353, 3354, 3355, 3391C, 3391G,3392C, 3392G 3392GS

**Product Identification Numbers**

| ID Number | UPC | ID Number | UPC |
|---|---|---|---|
| LE-B100-3332-5 | | 41-3701-3830-1 | |
| 70-2011-9002-5 | | | |

7100256540, 4100056151

**1.2. Recommended use and restrictions on use**

**Recommended use**
Topically applied medical barrier cream, Barrier cream for incontinence skin care - skin protectant

**1.3. Supplier's details**

| | |
|---|---|
| **MANUFACTURER:** | 3M |
| **DIVISION:** | Medical 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**
Serious Eye Damage/Irritation: Category 2A.

**2.2. Label elements**
**Signal word**
Warning

**Symbols**
Exclamation mark |

**Pictograms**

**Hazard Statements**
Causes serious eye irritation.

**Precautionary Statements**

**Prevention:**
Wear eye/face protection.

**Response:**
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

27% of the mixture consists of ingredients of unknown acute oral toxicity.
27% of the mixture consists of ingredients of unknown acute dermal toxicity.

## SECTION 3: Composition/information on ingredients

| Ingredient | C.A.S. No. | % by Wt |
|---|---|---|
| Water | 7732-18-5 | 40 - 60 |
| Coconut Oil | 8001-31-8 | 5 - 13 |
| Glycerin | 56-81-5 | 3 - 10 |
| Isopropyl Palmitate | 142-91-6 | 3 - 10 |
| Paraffin | 8002-74-2 | 5 - 10 |
| PPG-15 Stearyl Ether | 25231-21-4 | 3 - 10 |
| Ester Diisooctyl Adipate | 108-63-4 | 1 - 5 |
| Poly(dimethylsiloxane) | 63148-62-9 | 0.5 - 5 |
| White Mineral Oil | 8042-47-5 | 1 - 5 |
| Acrylate Terpolymer | Trade Secret* | 1 - 5 |
| Trimethylsiloxysilicate | 68988-56-7 | 0.1 - 3 |
| 2-Phenoxyethanol | 122-99-6 | 0.1 - 2 Trade Secret * |
| Magnesium sulfate heptahydrate | 10034-99-8 | 0.1 - 1 |
| Benzoic Acid | 65-85-0 | < 0.5 |
| Dehydroacetic Acid | 520-45-6 | < 0.5 |

*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. If symptoms develop, remove the affected person to fresh air. Get medical attention.

**Skin Contact:**
If exposed, wash with soap and water. If signs/symptoms develop, get medical attention.

**Eye Contact:**
Immediately flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. 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**
Use a fire fighting agent suitable for the surrounding fire.

**5.2. Special hazards arising from the substance or mixture**
None inherent in this product.

**Hazardous Decomposition or By-Products**

| Substance | Condition |
|---|---|
| Hydrocarbons | During Combustion |
| Formaldehyde | During Combustion |
| Carbon monoxide | During Combustion |
| Carbon dioxide | During Combustion |
| Oxides of Sulfur | During Combustion |

**5.3. Special protective actions for fire-fighters**
No special protective actions for fire-fighters are anticipated.

## SECTION 6: Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures**
Evacuate area. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

**6.2. Environmental precautions**
Avoid release to the environment. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water.

**6.3. Methods and material for containment and cleaning up**
Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. 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 SDS. 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**
Avoid eye contact. Do not eat, drink or smoke when using this product. Avoid release to the environment.

**7.2. Conditions for safe storage including any incompatibilities**
No special storage requirements.

# 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 |
|---|---|---|---|---|
| Glycerin | 56-81-5 | OSHA | TWA(as total dust):15 mg/m3;TWA(respirable fraction):5 mg/m3 | |
| Particles (insoluble or poorly soluble) not otherwise specified, inhalable particles | 56-81-5 | ACGIH | TWA(inhalable particulates):10 mg/m3 | |
| Particles (insoluble or poorly soluble) not otherwise specified, respirable particles | 56-81-5 | ACGIH | TWA(respirable particles):3 mg/m3 | |
| Benzoic Acid | 65-85-0 | ACGIH | TWA(inhalable fraction and vapor):0.5 mg/m3 | A5: Not suspected human carcin, Danger of cutaneous absorption |
| DUST, INERT OR NUISANCE | 8001-31-8 | OSHA | TWA(as total dust):15 mg/m3;TWA(as total dust):50 millions of particles/cu. ft.(15 mg/m3);TWA(respirable fraction):5 mg/m3;TWA(respirable fraction):15 millions of particles/cu. ft.(5 mg/m3) | |
| Particles (insoluble or poorly soluble) not otherwise specified, inhalable particles | 8001-31-8 | ACGIH | TWA(inhalable particulates):10 mg/m3 | |
| Particles (insoluble or poorly soluble) not otherwise specified, respirable particles | 8001-31-8 | ACGIH | TWA(respirable particles):3 mg/m3 | |
| VEGETABLE OIL MIST, TOTAL DUST | 8001-31-8 | OSHA | TWA(as total dust):15 mg/m3;TWA(respirable fraction):5 mg/m3 | |
| Paraffin | 8002-74-2 | ACGIH | TWA(as fume):2 mg/m3 | |
| MINERAL OILS, HIGHLY-REFINED OILS | 8042-47-5 | ACGIH | TWA(inhalable fraction):5 mg/m3 | A4: Not class. as human carcin |
| Paraffin oil | 8042-47-5 | OSHA | TWA(as mist):5 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**

No engineering controls required.

**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
Indirect Vented Goggles

**Skin/hand protection**
No chemical protective gloves are required.

**Respiratory protection**
None required.

## SECTION 9: Physical and chemical properties

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

| | |
|---|---|
| **Appearance** | |
| **Physical state** | Liquid |
| **Color** | White |
| **Specific Physical Form:** | Cream |
| **Odor** | Light Odor |
| **Odor threshold** | *No Data Available* |
| **pH** | *No Data Available* |
| **Melting point** | *No Data Available* |
| **Boiling Point** | *No Data Available* |
| **Flash Point** | No flash point |
| **Evaporation rate** | *No Data Available* |
| **Flammability (solid, gas)** | Not Applicable |
| **Flammable Limits(LEL)** | *No Data Available* |
| **Flammable Limits(UEL)** | *No Data Available* |
| **Vapor Pressure** | *No Data Available* |
| **Vapor Density** | *No Data Available* |
| **Density** | 0.99 g/ml |
| **Specific Gravity** | 0.99 [*Ref Std:*WATER=1] |
| **Solubility In Water** | *No Data Available* |
| **Solubility- non-water** | *No Data Available* |
| **Partition coefficient: n-octanol/ water** | *No Data Available* |
| **Autoignition temperature** | *No Data Available* |
| **Decomposition temperature** | *No Data Available* |
| **Viscosity** | 20,000 - 150,000 centipoise |
| **Hazardous Air Pollutants** | *No Data Available* |
| **Molecular weight** | *Not Applicable* |
| **Volatile Organic Compounds** | *No Data Available* |
| **Percent volatile** | *Not Applicable* |
| **VOC Less H2O & Exempt Solvents** | *No Data Available* |

## SECTION 10: Stability and reactivity

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

**10.2. Chemical stability**
Stable.

**10.3. Possibility of hazardous reactions**
Hazardous polymerization will not occur.

**10.4. Conditions to avoid**
None known.

**10.5. Incompatible materials**
None known.

**10.6. Hazardous decomposition products**

| Substance | Condition |
|---|---|
| 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:**
No known health effects.

**Skin Contact:**
No health effects are expected.

**Eye Contact:**
Severe Eye Irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

**Ingestion:**
Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

**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 |
| Paraffin | Dermal | Rat | LD50 > 5,000 mg/kg |
| Paraffin | Ingestion | Rat | LD50 > 5,000 mg/kg |

| | | | |
|---|---|---|---|
| Glycerin | Dermal | Rabbit | LD50 estimated to be > 5,000 mg/kg |
| Glycerin | Ingestion | Rat | LD50 > 5,000 mg/kg |
| Isopropyl Palmitate | Ingestion | Mouse | LD50 > 5,000 mg/kg |
| Isopropyl Palmitate | Dermal | Professional judgement | LD50 estimated to be > 5,000 mg/kg |
| Ester Diisooctyl Adipate | Dermal | | LD50 estimated to be > 5,000 mg/kg |
| Ester Diisooctyl Adipate | Ingestion | | LD50 estimated to be > 5,000 mg/kg |
| Poly(dimethylsiloxane) | Dermal | Rabbit | LD50 > 19,400 mg/kg |
| White Mineral Oil | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| Poly(dimethylsiloxane) | Ingestion | Rat | LD50 > 17,000 mg/kg |
| White Mineral Oil | Ingestion | Rat | LD50 > 5,000 mg/kg |
| 2-Phenoxyethanol | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| 2-Phenoxyethanol | Inhalation-Dust/Mist | Rat | LC50 > 1.5 mg/l |
| 2-Phenoxyethanol | Ingestion | Rat | LD50 1,394 mg/kg |
| Dehydroacetic Acid | Dermal | | estimated to be > 5,000 mg/kg |
| Dehydroacetic Acid | Inhalation-Dust/Mist | | estimated to be > 12.5 mg/l |
| Dehydroacetic Acid | Ingestion | | estimated to be 300 - 2,000 mg/kg |
| Benzoic Acid | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| Benzoic Acid | Inhalation-Dust/Mist (4 hours) | Rat | LC50 > 12.2 mg/l |
| Benzoic Acid | Ingestion | Rat | LD50 2,565 mg/kg |

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

| Name | Species | Value |
|---|---|---|
| Paraffin | Rabbit | No significant irritation |
| Glycerin | Rabbit | No significant irritation |
| Isopropyl Palmitate | Rabbit | Minimal irritation |
| Ester Diisooctyl Adipate | Professional judgement | Minimal irritation |
| Poly(dimethylsiloxane) | Rabbit | No significant irritation |
| White Mineral Oil | Rabbit | No significant irritation |
| 2-Phenoxyethanol | Rabbit | No significant irritation |
| Benzoic Acid | Human | Irritant |

**Serious Eye Damage/Irritation**

| Name | Species | Value |
|---|---|---|
| Paraffin | Rabbit | No significant irritation |
| Glycerin | Rabbit | No significant irritation |
| Isopropyl Palmitate | Rabbit | No significant irritation |
| Ester Diisooctyl Adipate | Professional judgement | Mild irritant |
| Poly(dimethylsiloxane) | Rabbit | No significant irritation |
| White Mineral Oil | Rabbit | Mild irritant |
| 2-Phenoxyethanol | Rabbit | Corrosive |
| Benzoic Acid | Rabbit | Corrosive |

**Skin Sensitization**

| Name | Species | Value |
|---|---|---|
| Paraffin | Guinea pig | Not classified |

| | | |
|---|---|---|
| Glycerin | Guinea pig | Not classified |
| White Mineral Oil | Guinea pig | Not classified |
| 2-Phenoxyethanol | Guinea pig | Not classified |
| Benzoic Acid | Multiple animal species | Not classified |

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

**Germ Cell Mutagenicity**

| Name | Route | Value |
|---|---|---|
| Paraffin | In Vitro | Not mutagenic |
| White Mineral Oil | In Vitro | Not mutagenic |
| 2-Phenoxyethanol | In Vitro | Not mutagenic |
| 2-Phenoxyethanol | In vivo | Not mutagenic |
| Benzoic Acid | In Vitro | Some positive data exist, but the data are not sufficient for classification |

**Carcinogenicity**

| Name | Route | Species | Value |
|---|---|---|---|
| Paraffin | Ingestion | Rat | Not carcinogenic |
| Glycerin | Ingestion | Mouse | Some positive data exist, but the data are not sufficient for classification |
| White Mineral Oil | Dermal | Mouse | Not carcinogenic |
| White Mineral Oil | Inhalation | Multiple animal species | Not carcinogenic |
| 2-Phenoxyethanol | Ingestion | Multiple animal species | Not carcinogenic |

**Reproductive Toxicity**

**Reproductive and/or Developmental Effects**

| Name | Route | Value | Species | Test Result | Exposure Duration |
|---|---|---|---|---|---|
| Glycerin | Ingestion | Not classified for female reproduction | Rat | NOAEL 2,000 mg/kg/day | 2 generation |
| Glycerin | Ingestion | Not classified for male reproduction | Rat | NOAEL 2,000 mg/kg/day | 2 generation |
| Glycerin | Ingestion | Not classified for development | Rat | NOAEL 2,000 mg/kg/day | 2 generation |
| White Mineral Oil | Ingestion | Not classified for female reproduction | Rat | NOAEL 4,350 mg/kg/day | 13 weeks |
| White Mineral Oil | Ingestion | Not classified for male reproduction | Rat | NOAEL 4,350 mg/kg/day | 13 weeks |
| White Mineral Oil | Ingestion | Not classified for development | Rat | NOAEL 4,350 mg/kg/day | during gestation |
| 2-Phenoxyethanol | Ingestion | Not classified for female reproduction | Mouse | NOAEL 3,700 mg/kg/day | 2 generation |
| 2-Phenoxyethanol | Ingestion | Not classified for male reproduction | Mouse | NOAEL 3,700 mg/kg/day | 2 generation |
| 2-Phenoxyethanol | Dermal | Not classified for development | Rabbit | NOAEL 600 mg/kg/day | during organogenesis |
| 2-Phenoxyethanol | Ingestion | Not classified for development | Rat | NOAEL 1,000 mg/kg/day | during gestation |
| Benzoic Acid | Ingestion | Not classified for female reproduction | Rat | NOAEL 900 mg/kg/day | 4 generation |

| | | | | | |
|---|---|---|---|---|---|
| Benzoic Acid | Ingestion | Not classified for male reproduction | Rat | NOAEL 900 mg/kg/day | 4 generation |
| Benzoic Acid | Ingestion | Not classified for development | Rat | NOAEL 900 mg/kg/day | 4 generation |

## Target Organ(s)

### Specific Target Organ Toxicity - single exposure

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|---|---|---|---|---|---|---|
| 2-Phenoxyethanol | Inhalation | respiratory irritation | May cause respiratory irritation | official classification | NOAEL Not available | |
| Benzoic Acid | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL Not available | |

### Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|---|---|---|---|---|---|---|
| Paraffin | Ingestion | heart | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 15 mg/kg/day | 90 days |
| Paraffin | Ingestion | hematopoietic system \| liver \| immune system \| skin \| endocrine system \| bone, teeth, nails, and/or hair \| muscles \| nervous system \| eyes \| kidney and/or bladder \| respiratory system \| vascular system | Not classified | Rat | NOAEL 1,500 mg/kg/day | 90 days |
| Glycerin | Inhalation | respiratory system \| heart \| liver \| kidney and/or bladder | Not classified | Rat | NOAEL 3.91 mg/l | 14 days |
| Glycerin | Ingestion | endocrine system \| hematopoietic system \| liver \| kidney and/or bladder | Not classified | Rat | NOAEL 10,000 mg/kg/day | 2 years |
| White Mineral Oil | Ingestion | hematopoietic system | Not classified | Rat | NOAEL 1,381 mg/kg/day | 90 days |
| White Mineral Oil | Ingestion | liver \| immune system | Not classified | Rat | NOAEL 1,336 mg/kg/day | 90 days |
| 2-Phenoxyethanol | Dermal | skin \| hematopoietic system \| liver \| eyes | Not classified | Rabbit | NOAEL 500 mg/kg/day | 13 weeks |
| 2-Phenoxyethanol | Ingestion | heart \| endocrine system \| hematopoietic system \| liver \| immune system \| nervous system \| kidney and/or bladder \| respiratory system | Not classified | Rat | NOAEL 1,514 mg/kg/day | 13 weeks |
| Benzoic Acid | Dermal | heart \| skin \| endocrine system \| gastrointestinal tract \| hematopoietic system \| liver \| immune system \| | Not classified | Rabbit | NOAEL 2,500 mg/kg/day | 21 days |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | muscles \| nervous system \| kidney and/or bladder \| respiratory system | | | | |
| Benzoic Acid | Inhalation | respiratory system | Causes damage to organs through prolonged or repeated exposure | Rat | LOAEL 0.025 mg/l | 28 days |
| Benzoic Acid | Inhalation | heart \| endocrine system \| gastrointestinal tract \| bone, teeth, nails, and/or hair \| hematopoietic system \| liver \| immune system \| nervous system \| eyes \| kidney and/or bladder | Not classified | Rat | NOAEL 1.2 mg/l | 28 days |

**Aspiration Hazard**

| Name | Value |
|---|---|
| White Mineral Oil | Aspiration hazard |

**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.

Prior to disposal, consult all applicable authorities and regulations to insure proper classification. Dispose of waste product in a permitted industrial waste facility. Empty and clean product containers may be disposed as non-hazardous waste. Consult your specific regulations and service providers to determine available options and requirements.

**EPA Hazardous Waste Number (RCRA):** Not regulated

## 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 |
| --- |
| Serious eye damage or eye irritation |

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

| Ingredient | C.A.S. No | % by Wt |
| --- | --- | --- |
| 2-Phenoxyethanol (CAS NO SEQ548L1) | 122-99-6 | Trade Secret 0.1 - 2 |
| 2-Phenoxyethanol (GLYCOL ETHERS) | 122-99-6 | Trade Secret 0.1 - 2 |

### 15.2. State Regulations
Contact 3M for more information.

### 15.3. Chemical Inventories
This material contains one or more substances not listed on the TSCA Inventory. Commercial use of this material is regulated by the FDA.

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:** 2 **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.

| | | | |
| --- | --- | --- | --- |
| **Document Group:** | 32-7460-2 | **Version Number:** | 7.00 |
| **Issue Date:** | 07/03/23 | **Supercedes Date:** | 06/27/22 |

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