

# SAFETY DATA SHEET

## 1.0 IDENTIFICATION

- 1.1 GHS product identifier:** ICO Dry Tint 103
- 1.2 Other means of identification:** Pigment
- 1.3 Recommended use of the chemical and restrictions on use:** N/A
- 1.4 Supplier's details:** MILAMAR COATINGS, INC.  
311 NW 122<sup>ND</sup> STREET, SUITE 100  
OKLAHOMA CITY, OK 73114  
INFORMATION PHONE NUMBER: 405-755-8448
- 1.5 Emergency phone number:** 1-800-255-3924 OR 813-248-0585 (INTERNATIONAL)

## 2.0 HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture:**  
Acute Toxicity – Inhalation 4
- 2.2 GHS label elements:**



**Signal Word:** Warning

**Hazard Statement:** Harmful if inhaled

**Prevention:** Avoid breathing dust. In case of inadequate ventilation wear respiratory protection.

**Response:** If inhaled, remove to fresh air. Get medical attention if symptoms occur.

**Disposal:** Dispose of in accordance with federal, state, and local regulations.

- 2.3 Other hazards which do not result in classification:** N/A
- 2.4 Hazards Material Information System (United States):**

Health	1
Flammability	0
Physical Hazard	0

Hazard Codes: Minimal Hazard, 1=Slight Hazard, 2=Moderate Hazard, 3=Serious Hazard, 4=Severe Hazard

## 3.0 COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Mixtures

Chemical Identity	CAS No.	Concentration
Iron oxide (Fe <sub>2</sub> O <sub>3</sub> )	1309-37-1	100%

## 4.0 FIRST-AID MEASURES

### 4.1 Description of necessary first-aid measures:

**Eye Contact:** Wash with water for at least fifteen (15) minutes. If irritation or redness persists, see a physician.

**Skin Contact:** Wash with soap and water. If irritation persists, see a physician.

**Inhalation:** Shortness of breath, coughing, reduced pulmonary function.

**Ingestion:** May cause gastrointestinal discomfort. Give one or two glasses of water. If discomfort persists, see a physician

### 4.2 Most Important symptoms/effects, acute and delayed:

**Signs and Symptoms:** Generally, there are no signs or symptoms of exposure.

**Aggravated Medical Conditions:** The condition of individuals with lung disease (e.g., bronchitis, emphysema, chronic obstructive pulmonary disease) can be aggravated by exposure.

**Other Health Effects:** May cause respiratory irritation.

### 4.3 Indication of immediate medical attention and special treatment needed, if necessary:

If you feel unwell, seek medical advice.

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**5.0 FIRE-FIGHTING MEASURES**

- 5.1 Suitable extinguishing media:** Use media appropriate for surrounding fire.
- 5.2 Specific hazards arising from the chemical:** N/A
- 5.3 Special protective actions for fire-fighters:** N/A
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**6.0 ACCIDENTAL RELEASE MEASURES**

- 6.1 Personal precautions, protective equipment and emergency procedures:** Ventilate the area. Avoid breathing dust. Use self-contained breathing apparatus or supplied air for large spills or confined areas.
- 6.2 Methods and materials for containment and clean up:** Clean up using approved, dustless methods (water or vacuum) to minimize generation of respirable particles. Dispose of in accordance with federal, state, and local regulations.
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**7.0 HANDLING AND STORAGE**

- 7.1 Precautions for safe handling:** Use NIOSH approved equipment. Positive pressure supplied air-type recommended. Appropriate respiratory protection for respirable particulates is based on consideration of airborne workplace concentrations and duration of exposure arising from the intended end use.
- 7.2 Conditions for safe storage, including any incompatibilities:** Avoid generating dust. There are no special storage requirements.
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**8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters**

Component	CAS No.	Percent	Exposure Limits	Source
Iron oxide (Fe <sub>2</sub> O <sub>3</sub> )	1309-37-1	100	3 mg/m <sup>3</sup> 5 mg/m <sup>3</sup>	ACGIH OSHA

- 8.2 Appropriate engineering controls:** N/A
- 8.3 Individual protection measures, such as personal protective equipment:**  
**Respiratory Protection:** See 7.1  
**Protective Clothing:** Protective clothing not normally required.
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**9.0 PHYSICAL AND CHEMICAL PROPERTIES**

- 9.1 Appearance (physical state, color, etc.):** red powder
- 9.2 Odor:** N/A
- 9.3 Odor threshold:** N/A
- 9.4 pH:** N/A
- 9.5 Melting point/freezing point:** N/A
- 9.6 Initial boiling point and boiling range:** N/A
- 9.7 Flash Point:** N/A
- 9.8 Evaporation rate:** N/A
- 9.9 Flammability (solid, gas):** N/A
- 9.10 Upper/lower flammability or explosive limits:** N/A
- 9.11 Vapor pressure:** N/A
- 9.12 Vapor Density:** N/A
- 9.13 Relative density (specific gravity):** 4.9
- 9.14 Solubility(ies):** Insoluble (in water)
- 9.15 Partition coefficient; n-octanol/water:** N/A
- 9.16 Auto-ignition temperature:** N/A
- 9.17 Decomposition temperature:** N/A
- 9.18 Viscosity:** N/A
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**10.0 STABILITY AND REACTIVITY**

- 10.1 Reactivity:** N/A
- 10.2 Chemical stability:** N/A
- 10.3 Possibility of hazardous reactions:** Will not occur by itself.
- 10.4 Conditions to avoid:** None
- 10.5 Incompatible materials:** Strong acids, strong bases, strong oxidizers
- 10.6 Hazardous decomposition products:** None

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**11.0 TOXICOLOGICAL INFORMATION****11.1 Likely routes of exposure:** N/A**11.2 Symptoms related to the physical, chemical and toxicological characteristics:****Eye Contact:** Does not cause eye irritation but may cause abrasion of the cornea.**Skin Contact:** Does not cause skin irritation.**Inhalation:** May cause respiratory irritation.**Ingestion:** May cause gastrointestinal discomfort if swallowed.**11.3 Delayed and immediate effects and also chronic effects from short and long term exposure:** N/A**11.4 Numerical measures of toxicity:**

<b>Ingredient Name</b>	<b>CAS No.</b>	<b>%</b>	<b>Acute Oral LD50</b>	<b>Acute Dermal LD50</b>	<b>Acute Inhalation LC50</b>
Iron oxide (Fe <sub>2</sub> O <sub>3</sub> )	1309-37-1	100	> 10,000 mg/kg (rat)	No data	No data

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**12.0 ECOLOGICAL INFORMATION****12.1 Ecotoxicity:** N/A**12.2 Persistence and degradability:** N/A**12.3 Bioaccumulative potential:** N/A**12.4 Mobility in soil:** N/A**12.5 Other adverse effects:** N/A

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**13.0 DISPOSAL CONSIDERATIONS****13.1 Disposal methods:** Dispose of in accordance with federal, state, and local regulations.

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**14.0 TRANSPORT INFORMATION****14.1 UN number:** Not regulated**14.2 UN proper shipping name:** Not regulated**14.3 Transport hazard class(es):** N/A**14.4 Packing group, if applicable:** N/A**14.5 Environmental hazards:** N/A**14.6 Transport in bulk:** N/A**14.7 Special precautions for user:** N/A

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**15.0 REGULATORY INFORMATION****15.1 Safety, health and environmental regulations:**

Not meant to be all-inclusive. Selected regulations presented.

**A. SARA Title III Section 311/312 hazards:** not listed**B. WHMIS Classification:** D2A**C. TSCA Status:** listed on TSCA Inventory**D. OSHA Hazard Comm. Std.:** not listed

CA = California Haz. Subst. List; CA65 = California Safe Drinking Water and Toxics Enforcement Act List; CT = Connecticut Tox. Subst. List; FL = Florida Subst. List; IL = Illinois Tox. Subst. List; LA = Louisiana Haz. Subst. List; MA = Massachusetts Subst. List; ME = Maine Haz. Subst. List; MN = Minnesota Haz. Subst. List; NJ = New Jersey Haz. Subst. List; PA = Pennsylvania Haz. Subst. List; RI = Rhode Island Haz. Subst. List.

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**16.0 OTHER INFORMATION****16.1 Date of Preparation:** 5/19/2015

To the best of our knowledge, the information contained herein is accurate. Final determination of the suitability of any material is the sole responsibility of the users. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.