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Carbon Monoxide	May cause effects on the blood, resulting in carboxyhaemoglobinemia and cardiac disorders. High levels may result in death.	May have effects on the cardiovascular system and central nervous system. May cause toxicity to human reproduction or development.	LC50 (Rat, 4 hour Inhalation Exposure) =1807 ppm	Not classifiable
<b>Substance</b>	<b>Short-Term Exposure Effects</b>	<b>Long Term Exposure Effects</b>	<b>Toxicity Measure</b>	<b>Carcinogenicity</b>
Ozone	May cause eye and respiratory tract Irritation. Inhalation may cause lung oedema. May cause effects on the central nervous system, resulting in headache and impaired performance.	May cause decreased lung function.	LC50 (Rat, 3 hour Inhalation Exposure) =4.5 mg/m <sup>3</sup>	Not classifiable
Nitric Oxide	May cause respiratory irritation. Inhalation may cause lung oedema. Exposure far above the OEL may result in death.	May cause decreased lung function.	LC50 (Rat, Inhalation Exposure) =160 mg/m <sup>3</sup>	Not classifiable
Nitrogen Dioxide	Corrosive to the skin and respiratory tract. Inhalation may cause lung oedema. Exposure far above the OEL may result in death.	May cause effects on the immune system and lungs, resulting in decrease in resistance to infection.	LC50 (Rat, 4 hour Inhalation Exposure) =88 ppm	Not classifiable

**Other information on toxicological effects:**

**Germ cell mutagenicity** – Not classified

**Reproductive toxicity** – Not classified

**Specific target organ toxicity (Single exposure)** – Not classified

**Specific target organ toxicity (Repeated exposure)** – Not classified

**Aspiration hazard** – Not classified

**12. ECOLOGICAL INFORMATION**

**Toxicity:** Not classified  
**Persistence and degradability:** No information available  
**Bioaccumulative potential:** No information available  
**Mobility in soil:** No information available  
**Other adverse effects:** Unknown

**13. DISPOSAL CONSIDERATIONS**

Discard any product, residue, waste or packaging in an environmentally acceptable manner in compliance with federal, State, or local laws. Do not dispose of any waste, remaining product or by-product in the sewer.

**14. TRANSPORT INFORMATION**

**UN Number:** Not regulated  
**UN Proper Shipping Name:** Not regulated

**Transport Hazard Class:** Not regulated  
**Packing Group:** Not regulated  
**IMDG:** Not regulated  
**ICAO/IATA:** Not regulated

**SDS NO: 500**  
**REVISED: AUGUST 2018**  
**REVIEWED: JUNE 2020**

## **15. REGULATORY INFORMATION**

### **U.S. Federal Regulations:**

Emergency Planning & Community Right-To-Know Act (EPCRA) of 1986

Section 313 Hazardous Chemicals:

Aluminum, Aluminum Oxide, Barium and Barium Compounds, Chromium, Copper, Lithium Carbonate, Manganese, Nickel, Silicon & Silica, Iron & Iron Oxide, Magnesium, Zirconium and Vanadium.

Superfund Amendments and Reauthorization Act of 1986 (SARA):

Hazard categories – Acute (Immediate) and Chronic (Delayed)

Toxic Substances Control Act (TSCA) Inventory:

Iron – Listed

Silicon – Listed

### **U.S. State Laws:**

California Proposition 65:

Titanium Dioxide – Carcinogenic

Silica (Quartz) - Carcinogenic

**Warning:** These products contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

New Jersey Community Worker and Right-to-Know Act

Titanium Dioxide – Listed

Manganese – Listed

Massachusetts Right-to-Know Act Substance List

Titanium Dioxide – Listed

Manganese – Listed

Silica (Quartz) – Listed

Pennsylvania Right-to-Know Act Hazardous Substances List

Titanium Dioxide – Listed

Manganese – Listed

Rhode Island Right-to-Know Act Substance List

Manganese – Listed

Minnesota Right-to-Know Act Hazardous Substances List

Titanium Dioxide – Listed

Manganese – Listed

Silica (Quartz) – Listed

### **Canadian Regulations:**

This product is classified according to the requirements of the Canadian Controlled Products Regulations Section 33, and this SDS contains all required information.

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**For E8018-B2, E9018-B3, E8018-C1, E8018-C2, E8018-C3, E10018-D2, E9018M, E11018M, E12018M, E7010-P1, E8010-P1 WARNING:** This product can expose you to chemicals, including titanium dioxide, which are known to the state of California to cause cancer, and to carbon monoxide, which is known to the state of California to cause birth defects or other reproductive harm. For more information, go to [www.P65WARNINGS.ca.gov](http://www.P65WARNINGS.ca.gov).

**For ER70S-2, ER70S-3, ER70S-6, ER70S-7, E70C-6M, ER70S6-CF WARNING:** This product can expose you to chemicals, including carbon monoxide, which is known to the state of California to cause birth defects or reproductive harm. For more information, go to [www.P65WARNINGS.ca.gov](http://www.P65WARNINGS.ca.gov).

#### 16. OTHER INFORMATION

**DISCLAIMER:** Users should take all standard and reasonable precautions when using this product for its intended use. The manufacturer does not recommend this product for any uses other than that described. The manufacturer makes no claims and provides no warranty for non-standard use.

<b>NFPA 704:</b>	<b>HEALTH:</b>	<b>2</b>	<b>FLAMMABILITY:</b>	<b>0</b>	<b>REACTIVITY:</b>	<b>0</b>
<b>HMIS:</b>	<b>HEALTH:</b>	<b>2</b>	<b>FLAMMABILITY:</b>	<b>0</b>	<b>PHYSICAL HAZARD:</b>	<b>0</b>

#### SDS Revisions

Preparation date:	8/18/2018	Revision date:		Revision number:	
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**Note:** Although the information and recommendations set forth herein (hereinafter "information") are presented in good faith and believed to be correct as of the date hereof, the manufacturer makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will the manufacturer be responsible for damages of any nature whatsoever resulting from the use of, misuse or reliance upon information. No representations or warranties, either express or implied, or merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to information or the product to which information refers. Regulatory requirements are subject to change and may differ from one location to another. It is the buyer's responsibility to ensure its activities comply with federal, State, Provincial, and local laws and regulations.