

**I – Identification of the Substance and of the Company**

SUPPLIER: RMO, Inc.  
650 W. Colfax Ave.  
Denver, CO 80204  
303-592-8200

Trade Name and Synonyms –  
Description: Muscle Anchorage Appliance  
(Denholtz)

Emergency Information Chemtrec: 800-424-9300 Note: Use in conjunction with TruChrome  
Chemtrec International: 202-483-7616 MSDS (Stainless Steel)

Product Grade / Name:  
Chemical Family: **POLYETHYLENE  
CONCENTRATE**

**II – Composition / Information on Ingredients**

<u>MATERIAL</u>	<u>PERCENT</u>
Low Density Polyethylene	95.963%
Rutile Titanium Dioxide	3.999%
Pure Red Iron Oxide	0.030%
Pigment Violet 19	0.008%

**III – Hazards Identification**

These products should not be considered hazardous when used as intended and in accordance with good manufacturing practice.

Threshold Limit Value: Not established.

Effects of Overexposure: None expected.

Warning: Molten material will cause thermal burns.

**IV – First Aid Measures**

None

**V – Fire Fighting Measures**

Flash Point: Not applicable

Flammable Limits: Not determined

Extinguishing Media: Water, CO<sub>2</sub>, Dry Chemical

Special Fire Fighting Procedures: The use of self-contained breathing apparatus is recommended for any fire involving chemicals.

Unusual Fire and Explosion Hazards: None known.

Hazardous Combustion Products: Carbon dioxide, carbon monoxide.

**VI – Accidental Release Measures**

Collect and contain by mechanical means.

**VII – Handling and Storage**

In accordance with good industrial practice, handle with care and avoid unnecessary

contact. Wash after handling, and before eating, drinking, or smoking.  
Avoid contact with molten material. Store in ambient temperature. Avoid contact with oxidizing material. Store away from any area where the fire hazard may be acute.

#### **VIII – Exposure Controls / Personal Protection**

Respiratory Protection: None should be needed when used as intended.  
Ventilation: Use local exhaust as needed to control fumes during processing.  
Protective Gloves: Recommended during processing.  
Eye Protection: General safety procedures should be followed.  
Other Protective Equipment: Should not be required.

#### **IX – Physical and Chemical Properties**

Boiling Point: N/A  
Vapor Pressure: N/A  
Vapor Density: N/A  
Solubility in Water: Negligible  
Appearance and Odor: Odorless pink solid  
Specific Gravity: Not determined  
Percent Volatile by Volume: Not applicable  
Evaporation Rate: Not applicable

#### **X – Stability and Reactivity**

Stability:

Unstable ( ) Stable (X)  
Conditions to Avoid: Not applicable.

Incompatibility:

Material to Avoid: Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products:

Combustion will produce carbon dioxide and carbon monoxide, and may produce potentially hazardous oxides of metals.

Hazardous Polymerization:

May Occur ( ) Will Not Occur (X)

#### **XI – Toxicological Information**

No data available.

#### **XII – Ecological Information**

No ecological effects are known.

#### **XIII – Disposal Considerations**

Dispose of in accordance with Federal, State, and Local Regulations. Incineration is the recommended method of disposal.

#### **XIV – Transportation Information**

Not regulated.

**XV – Regulatory Information**

These products are manufactured using Good Manufacturing Practices and are regulated as Class I Medical Devices by the U.S. Food and Drug Administration, Class II by the Canada CMDR, and Class IIa by the Medical Device Directive 93/42 EEC for the European Community.

OSHA Classification: Non-hazardous

SARA 313: None

**XVI – Other Information**

Note: While the information and recommendations set forth on this data sheet are believed to be accurate as received from our suppliers, RMO, Inc. makes no warranty with respect thereto and disclaims all liability from reliance thereon.