

**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 –  
Replacement O-Ring, I-00569  
Description: O-Ring

Emergency Information Chemtrec: 800-424-9300  
Chemtrec International: 202-483-7616

Product Grade / Name:  
O-Ring

**II – Composition / Information on Ingredients**

Component	CAS Number	Percent
Poly(dimethylsiloxane)	4456-29-9	90-100%

**III – Hazards Identification****EMERGENCY & FIRST AID PROCEDURES:**

Routes of Entry: Ingestion may cause digestive tract irritation. Seek medical attention.

**Symptoms and Effects of Overexposure:**

Digestive Tract: Stomach pain or other digestive tract irritability, seek medical attention.

Eye Contact: No known hazard.

Inhalation: Material cannot be inhaled under normal conditions.

Ingestion: Material should pass digestive tract. Seek medical attention if swallowed.

Medical conditions possibly by exposure: Not known for this product.

Carcinogenicity: Not known for this product.

**IV – First Aid Measures****Emergency and First Aid Procedures:**

Skin: N/A

Eyes: N/A

Acute Inhalation: N/A

Ingestion: Seek medical advice.

Note to physicians: Product should pass digestive tract.

**V – Fire Fighting Measures**

Flash Point: Not available.

Flammable Limits: Upper and lower limits not available.

Auto Ignition Temperature: Not available.

Extinguishing Medium: Product is combustible. Using extinguishing media appropriate to surrounding fire conditions.

**VI – Accidental Release Measures**

Spill or Leak Procedures: Not applicable.

## VII – Handling and Storage

Precautions To be Taken in Handling and Storing: Practice good housekeeping procedures. Handle accordingly. Store in a cool, dry place. Store away from acids. Maintain package integrity and store away from sources of ignition.

Other Precautions: None available.

## VIII – Exposure Controls / Personal Protection

Personal Protective Equipment:

Eyes: Not applicable.

Skin: Not applicable.

Clothing: Not applicable.

Ventilation: Not applicable.

Protective Gloves: Not applicable.

Work and Hygienic Practices: Do not permit eating, drinking while handling or processing material or in product work areas. Practice good personal hygiene procedures. Wash hands and have thoroughly before eating, drinking, applying cosmetics or using tobacco products. Avoid inhalation and ingestion of product and activities which generate dust or fume.

## IX – Physical and Chemical Properties

Appearance: Clear Ring

Melting Point: Not applicable.

Odor: Not applicable.

Boiling Point: Not applicable.

Solubility in Water: Not applicable.

Vapor Pressure: Not applicable.

Vapor Density: Not applicable.

Percent Volatile Solids: Not applicable.

Specific Gravity: Not applicable.

Molecular Weight: Not applicable.

pH: Not applicable.

Total Solids: 100%

## X – Stability and Reactivity

Stability: Unstable ( ) Stable (X)

Conditions to Avoid: Incompatible Materials

Incompatibility: Materials to Avoid: Unknown, possibly strong acids, strong bases

Hazardous Decomposition Products: None known. Measurements have shown formation of small amounts of formaldehyde at 302° F through oxidation.

Hazardous Polymerization: May Occur ( ) Will Not Occur (X)

Conditions to Avoid: N/A

## XI – Toxicological Information

Skin/Dermal: Material cannot be absorbed through skin.

Inhalation: Material cannot be inhaled under normal conditions.

Skin Irritation: Non-irritant

Eye Irritation: Not expected to irritate the eyes.

Reproductive/Developmental Toxicity: Animal feeding studies in rat, mouse, and dog, at high doses, have demonstrated effects on fertility and testes. Studies with chemically related Boric Acid in the rat, mouse, and rabbit, at high does, demonstrate

developmental effects on the fetus, including fetal weight loss and minor skeletal variations. The doses administered were many times in excess of those to which humans would normally be exposed.

#### **XII – Ecological Information**

Evaluation on Basis of Physical-Chemical Properties: No expected damaging effects.

Algal Toxicity: None known.

Environmental Fate Data: No environmental problems expected if handled and treated in accordance with standard industrial practices and local regulations where applicable.

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

Material that cannot be used or chemically reprocessed should be disposed of at an approved facility in accordance with any applicable governmental regulations.

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

COT Shipping Name: Replacement O-Ring

Transport by Sea: Not regulated.

Road ADR Valuation: Not regulated.

Air Transport Valuation: Not regulated.

Railway RID Valuation: Not regulated.

DOT Labels: Not regulated.

#### **XV – Regulatory Information**

National Regulations:

SI 2002/1689: CHIP Regulations

SI 2002/2677: COSHH Regulations 2002

SI 1999/3442: Management of Health & Safety at Work Regulations 1999

Health and Safety at Work Act 1974

SI 1993/1643: Environmental Protection Act 1993 & Subsidiary Regulations

Other national and local measures relating to the workplace, pollution control, environmental protection and waste control.

#### **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.