

RMO, Inc.  
620 West Colfax Ave.  
Denver, Colorado 80204  
Emergency Number: 303-592-8233  
Emergency Contact: Santino Di Girolamo

**MATERIAL SAFETY DATA SHEET**  
ISSUED: 8/20/2008

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**SECTION I - PRODUCT IDENTIFICATION**

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*NAME:* Replacement O-Ring, I-00569

*COMMON NAME:* O-Ring

*INTENDED USE:* Grasp wire after cutting with flush cutting instrument

*NFPA/ITMIS HAZARD CODES:* Health ( 0 )                      fire ( 0 )                      reactive ( 0 )

*HAZARD RATING:* ( 0 ) Least    ( 1 ) slight    ( 2 ) moderate    ( 3 ) high    ( 4 ) extreme

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**SECTION II – COMPOSITION/INFORMATION ON INGREDIENTS**

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| <u>COMPONENT</u>       | <u>CAS NUMBER</u> | <u>PERCENT</u> | <u>OSHA/PEL<sup>(1)</sup></u> | <u>ACGIH/TLV<sup>(1)</sup></u> |
|------------------------|-------------------|----------------|-------------------------------|--------------------------------|
| Poly(dimethylsiloxane) | 4456-29-9         | 90-100%        | N/A                           | N/A                            |

PEL = Permissible Exposure Limit  
TVL = Threshold Limit Value

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**SECTION III - HEALTH HAZARD DATA**

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*ROUTES OF ENTRY:* Ingestion may cause digestive tract irritation. Seek medical attention.

*SYMPTOMS & EFFECT OF OVEREXPOSURE:*

DIGESTIVE TRACT: Stomach pain or other digestive tract irritability, seek medical attention.

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**SECTION III - HEALTH HAZARD DATA cont.**

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EYE CONTACT: No known hazard

INHALATION: Material can not be inhaled under normal conditions

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

*MEDICAL CONDITIONS POSSIBLY AGGRAVATED BY EXPOSURE:* Not known for this product

CARCINOGENICITY: Not known for this product.

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**SECTION IV – FIRST AID MEASURES**

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*EMERGENCY & 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

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**SECTION V – FIRE FIGHTING MEASURES**

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*FLASH POINT:* Not available

*FLAMMABLE LIMITS:* Upper – Not available                      Lower- Not available

*AUTO IGNITION TEMPERATURE:* Not available

*EXTINGUISHING MEDIUM:* Product is combustible. Use extinguishing media appropriate to surrounding fire conditions.

*SPECIAL FIRE FIGHTING PROCEDURES:* Avoid inhalation of dust, fumes or mists. Stay upwind, out of low areas, and ventilate closed spaces before entering. Cool containers from the side with water until fire is out. Self-contained breathing apparatus (SCBA) and chemical protective clothing can be worn but may not be adequate thermal protection for chemical fire unless stated by the manufacturer. Structural fire fighter's protective clothing may not be effective. Move containers from fire area, if possible to do so without risk.

*UNUSUAL FIRE & EXPLOSIVE CONDITIONS:* N/A

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**SECTION VI - SPILL OR LEAK PROCEDURES**

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*SPILL OR LEAK PROCEDURES:* N/A

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**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

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*PRECAUTIONS TO BE TAKEN IN HANDLING & STORING:* Practice good housekeeping procedures. Handle accordingly.

Store in a cool, dry place. Store away from acids. Maintain package integrity.  
Keep away from sources of ignition.

*OTHER PRECAUTIONS:* N/A

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**SECTION VIII - PROTECTION MEASURES**

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*PROTECTION:*

EYES: N/A

SKIN: N/A

CLOTHING: N/A

VENTILATION: N/A

PROTECTIVE GLOVES: N/A

*WORK/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 face thoroughly before eating, drinking, applying cosmetics or using tobacco products. Avoid inhalation and ingestion of product and activities which generate dust or fume.

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**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

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*APPEARANCE:* Clear Ring

*MELTING POINT:* N/A

*ODOR:* N/A

*BOILING POINT:* N/A

*SOLUBILITY IN H<sub>2</sub>O:* N/A

*VAPOR PRESSURE:* N/A

*VAPOR DENSITY:* N/A

*PERCENT VOLATILE SOLIDS:* N/A

*SPECIFIC GRAVITY:* N/A

*MOLECULAR WEIGHT:* N/A

*pH:* N/A

*TOTAL SOLIDS:* 100%

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**SECTION X - REACTIVITY DATA**

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*STABILITY:* Stable

*CONDITIONS TO AVOID:* Incompatible materials

*INCOMPATIBILITIES (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:* Will not occur

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**SECTION XI - TOXICOLOGICAL INFORMATION**

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*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 eyes

*REPRODUCTIVE/DEVELOPMENTAL TOXICITY:* Animal feeding studies in rat, mouse and dog, at high doses, have demonstrated effects on fertility and testes. Studies with the chemically related Boric Acid in the rat, mouse and rabbit, at high doses, 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.

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**SECTION XII – ECOTOXICITY**

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*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.

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**SECTION XIII – DISPOSAL CONSIDERATIONS**

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

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**SECTION XIV – TRANSPORT INFORMATION**

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*DOT SHIPPING NAME:* Replacement O'ring

TRANSPORT BY SEA: Valuation: Not Regulated

ROAD ADR: Valuation: Not Regulated

AIR TRANSPORT: Valuation: Not Regulated

RAILWAY RID: Valuation: Not regulated

*DOT LABEL(S):* Not regulated

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**SECTION XV – REGULATORY INFORMATION**

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NATIONAL REGULATIONS: SI 2002/1689: CHIP Regulations 2002  
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.

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**SECTION XIII - ADDITIONAL INFORMATION**

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*REFERENCES:*

MATERIAL: 60004984 ELASTOSIL® 3003/60 A

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