



## SPECIFICATION DATA SHEET

FILE NO.: 111  
NAME OF PRODUCT RS-2  
MSDS DATE: 06 /08 /2012

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### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME: Rupture Seal 2  
SYNONYMS: N/A

MANUFACTURER: The Rupture Seal  
ADDRESS: Canada

BUSINESS PHONE: 1-902-370-3388  
FAX PHONE: 1-902-370-3389

SECTION 1 NOTES: N/A

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### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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**INGREDIENTS:** Nylon 6/6, Silicone 5, Stainless Steel

**PRODUCT NO.** RS2KIT

SECTION 2 NOTES: Environmentally and user safe.

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### SECTION 3: HAZARDS IDENTIFICATION

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**EMERGENCY OVERVIEW:** Non-hazardous to skin contact, exposure or inhalation.

**POTENTIAL HEALTH EFFECTS**

**EYES:** None

**SKIN:** Non-permeable, no risk due to contact

**INGESTION:** Follow Standard Operating Procedures

**INHALATION:** None

**ACUTE HEALTH HAZARDS:** No effects found due to exposure or usage of RS2 product or its components.

**CHRONIC HEALTH HAZARDS:** No effects found due to exposure or usage of RS2 product or its components.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** None

SECTION 3 NOTES:

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### SECTION 4: FIRST AID MEASURES

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**EYES:** Normal irritation as per any foreign material or particulate  
**SKIN:** No risk due to contact  
**INGESTION:** Follow Standard Operating Procedures  
**INHALATION:**None

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### SECTION 5: FIRE-FIGHTING MEASURES

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**FLASH POINT:**  
F: 300°F  
C: 149°C

**METHOD USED:** Follow normal fire fighting procedures for dealing with any plastic or polymer in such a small volume.

**EXTINGUISHING MEDIA:** Water, Foam, Dry Chemical, CO2

**SPECIAL FIRE FIGHTING PROCEDURES:** None

**HAZARDOUS DECOMPOSITION PRODUCTS:** None

**SECTION 5 NOTES:** At normal PPM per RS2 Kit no special measures are required.

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### SECTION 6: ACCIDENTAL RELEASE MEASURES

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**ACCIDENTAL RELEASE MEASURES:** None. Product is environmentally friendly.

**SECTION 6 NOTES:** None

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### SECTION 7: HANDLING AND STORAGE

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**HANDLING AND STORAGE:** Use normal general housekeeping procedures.

**OTHER PRECAUTIONS:** None

**SECTION 7 NOTES:** None

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### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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**VENTILATION :** None required, non-odorous

**RESPIRATORY PROTECTION:** None required, non-odorous

**EYE PROTECTION:** Follow general housekeeping procedures in regards to eye protection with any material.



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**SKIN PROTECTION:** None required, non-porous material

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** None required.

**WORK HYGIENIC PRACTICES:** Always practice good personal hygiene in all daily instances.

**EXPOSURE GUIDELINES:** No evidence found of any reactions due to long term exposures.

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### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**APPEARANCE:** Solid material with malleable Silicon-5 core.

**ODOR:** Odorless

**PHYSICAL STATE:** Solid

**BOILING POINT:**

F: None

C: None

**MELTING POINT:**

F: 392°F

C: 200°C

**FREEZING POINT:**

F: -79.6°F

C: -62°C

**STATIC POTENTIAL:** No spark or static potential.

**EVAPORATION RATE:** None

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### SECTION 10: STABILITY AND REACTIVITY

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**STABILITY:** Stable under all conditions according to Chemical Compatibility Chart and conditions stated within this document.

**CONDITIONS TO AVOID (STABILITY):** Extreme heat or cold as stated in Section 9 of this document.

**INCOMPATIBILITY (MATERIAL TO AVOID):** Strong Acids as per Chemical Compatibility Chart.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Carbon monoxide and Carbon dioxide.

**SECTION 10 NOTES:**

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### SECTION 11: TOXICOLOGICAL INFORMATION

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**TOXICOLOGICAL INFORMATION:**

**EYE EFFECTS:** Normal irritation as per any foreign material or particulate

**SKIN EFFECTS:** None



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**CARCINOGENICITY:** None

**MUTAGENICITY:** None

**SECTION 11 NOTES:**

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### SECTION 12: ECOLOGICAL INFORMATION

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**ECOLOGICAL INFORMATION:** Ecologically and environmentally friendly.

**SECTION 12 NOTES:**

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### SECTION 13: DISPOSAL CONSIDERATIONS

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**WASTE DISPOSAL METHOD:** Use disposal methods as per MSDS of chemical used on as per Federal, Provincial, State or Municipal guidelines.

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### SECTION 14: TRANSPORT INFORMATION

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None regulated. Does not contain chemicals or compounds that are subject to release reporting requirements as is a environmentally friendly product.

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### SECTION 15: REGULATORY INFORMATION

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None Regulated product.

**SECTION 15 NOTES:**

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### SECTION 16: OTHER INFORMATION

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**OTHER INFORMATION:** The RS2 is a complete environmentally and user friendly product that safely seals ruptures fast by mechanically fastening a silicone plug to the rupture. This unique system allows the user to deploy the device and then very quickly remove themselves from the 'hot zone'. That said, all users at ALL times must follow appropriate Stand Operating Procedures as per their field and in accordance with all Federal, provincial, State or Municipal regulations.

**PREPARATION INFORMATION:** An extremely user friendly product, but as always, follow appropriate training procedures and guidelines as suggested by Zengo Inc. This including and not limited to all in-house procedures to be followed.

**DISCLAIMER:** The information contained in this document is considered accurate as of the version date. However, no warranty is expressed or implied regarding the accuracy of this data as the use of the product and the chemicals used with the product are beyond the control of Zengo Inc. It is the users obligation to follow all appropriate MSDS per incident of use.