



# LEXCOR MATERIAL SAFETY DATA SHEET

DATE PREPARED: 02/14/2015

## SECTION 1 - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

### PRODUCT NAME

## ROOFPART ELASTOMERIC SILICONE SEALANT

### SUPPLIER NAME AND ADDRESS

Lexsuco 2010 Corporation  
3275 Orlando Dr.  
Mississauga, ON L4V 1C5  
Tel: 905.792.8300 Fax: 905.792.8305

### EMERGENCY TELEPHONE NUMBER:

CANUTEC 613-996-6666 (24 hours every day)

**Chemical Name/Family:** Oxime Cure Silicone Sealant  
**Product Use:** Sealant

## SECTION 2 - REPORTABLE INGREDIENTS

Ingredient Name	CAS #	%
Tris-butanono-xime-methylsilane	22984-54-9	6%

NOTE: No exposure limits have been established by ACGIH or OSHA for tris-butanonoxime-methylsilane. Methyl ethyl ketoxime (MEKO), a hydrolyses product, may be encountered when this product comes in contact with moisture. MEKO has an AIHA WEEL of 10 ppm TWA. Results of recent animal toxicity studies indicate possible adverse health effects associated with MEKO. Until these studies have been completely analyzed, exposures to MEKO should be kept as low as reasonably achievable (ALARA).

## SECTION 3 - PHYSICAL DATA

**PURE MATERIAL OR MIXTURE:** Mixture  
**PHYSICAL FORM:** Paste  
**APPEARANCE/ODOUR:** Variety of colors/mild, slightly solvent-like  
**pH AS IS:** Not applicable  
**INITIAL BOILING POINT:** Not established  
**MELTING POINT:** Not established  
**SOLUBILITY IN WATER:** Essentially insoluble  
**SPECIFIC GRAVITY (WATER=1):** 0.97  
**VOLATILES (% W/W):**  
**EVAPORATION RATE:**  
**VAPOUR DENSITY (AIR=1):**  
**VAPOUR PRESSURE (MM):** Approx. 36 mmHg @ 20°C. Approx. 119 mmHg @ 50°C.

## SECTION 4 - FIRE & EXPLOSION DATA

**AUTO-IGNITION TEMPERATURE:** 435°C DIN 51794  
**FLASH POINT:** Not applicable  
**UPPER EXPLOSIVE LIMIT (%):**  
**LOWER EXPLOSIVE LIMIT (%):**  
**SENSITIVE TO STATIC DISCHARGE:**  
**SENSITIVE TO MECHANICAL IMPACT:**

**EXTINGUISH MEDIA:** Dry chemical; water; foam; Carbon dioxide  
**SPECIAL FIREFIGHTING PROCEDURES:** Firefighters should wear self-contained breathing apparatus. Under fire conditions irritating and/or toxic vapours or gases may be present.  
**FIRE OR EXPLOSIVE HAZARD:**  
**HAZARDOUS COMBUSTION PRODUCTS:**

## SECTION 5 - HEALTH EFFECTS DATA

### SHORT TERM EFFECTS OF EXPOSURE

**ROUTE OF ENTRY:** Eye Contact; Skin contact; Inhalation  
**ACUTE EFFECTS-INGESTION:**  
**ACUTE EFFECTS-SKIN:**  
**ABSORPTION:**  
**ACUTE EFFECTS-INHALATION:**  
**ACUTE EFFECTS-EYE:**  
**OVEREXPOSURE SYMPTOMS:** During the normal curing of this product, a slight solvent-like odour (methyl ethyl ketoxime, MEKO) will be produced in the area of use. This odour gradually diminishes as the sealant cures. The vapours may irritate the eyes, nose and throat, particularly in an enclosed or poorly ventilated area.

### LONG TERM EFFECTS OF EXPOSURE

**EFFECTS OF CHRONIC EXPOSURE:** Repeated or prolonged overexposure to MEKO may cause liver damage (refer to TOXICOLOGICAL INFORMATION for additional information).  
**OTHER EFFECTS OF EXPOSURE:** This product contains methylpolysiloxanes which can generate formaldehyde at temperatures above 150°C in atmospheres which contain oxygen. Formaldehyde is an eye and respiratory irritant, a skin and respiratory sensitizer, and a potential cancer hazard. Exposures to formaldehyde are regulated by the Occupational Safety and Health Administration (OSHA) under 29 CFR part 1910.1048. Workplace exposure to formaldehyde should be evaluated when this product is used in high temperature processes (above 150°C), to assess whether the actual airborne concentrations exceed any of the action levels defined in the OSHA Standard. (the OSHA Permissible Exposure Limit (PEL) for formaldehyde is 0.75 ppm (parts per million) TWA (time weighted average for 8 hours).

### SPECIAL HEALTH EFFECTS

**CARCINOGENICITY:** This product is not listed by NTP, IARC or regulated as a carcinogen by OSHA.  
**TARGET ORGANS:** Persons with impaired pulmonary function and/or pre-existing eye or skin conditions may be more susceptible to the effects of this product.

## SECTION 6 - FIRST AID MEASURES

**INGESTION:** Consult a physician immediately.  
**SKIN CONTACT:** For skin contact, remove contaminated clothing and shoes. Remove uncured product from skin with a dry cloth or towel. Wash affected areas with soap and water. Get medical attention if irritation persists. Thoroughly clean contaminated clothing and shoes before reuse.  
**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.  
**EYE CONTACT:** For eye contact, flush eyes with large quantities of water for at least 15 minutes. Get medical attention if irritation persists.

## SECTION 7 - RECOMMENDATIONS FOR PERSONAL PROTECTIVE EQUIPMENT

### CONDITIONS UNDER WHICH PPE REQ'D

**EYE PROTECTION REQUIREMENTS:** None normally required. However, when applied to overhead surfaces, safety glasses are suggested. Contact lense wearers should take appropriate precautions.  
**GLOVE REQUIREMENTS:** None required under ordinary conditions of use. Employees should wash their hands and face before eating, drinking or using tobacco products.  
**CLOTHING REQUIREMENTS:**

**CHANGE/REMOVAL OF CLOTHING:**

**WASH REQUIREMENTS:**

**RESPIRATOR REQUIREMENTS:**

None required unless vapour concentrations are excessive. A NIOSH approved organic vapour cartridge respirator can be used.

**ENGINEERING CONTROLS REQUIRES:**

When this product is used in low temperature processes (below 150°C), special ventilation is not required. When this product is used in high temperature processes, ventilation must comply with 29 CFR part 1910.1048 (OSHA Formaldehyde Standard).

**MONITORING:**

When this product is used in high temperature processes (above 150°C), monitoring requirements must be in compliance with 29 CFR part 1910.1048 (OSHA formaldehyde Standard).

**SECTION 8 - REACTIVITY DATA**

**STABILITY:**

Stable

**INCOMPATIBILITIES:**

Water, acid, alkali

**CONDITIONS TO AVOID:**

**HAZARDOUS DECOMPOSITION:**

**PRODUCTS:**

Methyl ethyl ketoxime is generated by hydrolysis. Thermal decomposition may produce oxides of carbon and oxides of nitrogen. If air is present and temperatures exceed 150°C, small amounts of formaldehyde may be formed through oxidative decomposition.

**HAZARDOUS POLYMERIZATION:**

Will not occur.

**SECTION 9 - SPILL & LEAK PROCEDURES**

**SPILL AND LEAK PROCEDURES:**

Cover with dry absorbent material such as sand or dirt. Scoop up and place in an appropriate container.

**WASTE DISPOSAL METHODS:**

Waste disposal should be in accordance with existing federal, state and local environmental regulations.

**OTHER PRECAUTIONS:**

**SECTION 10 - HANDLING & STORAGE PRECAUTIONS**

**STORAGE TEMPERATURE:**

Ambient (27°C)

**HANDLING/STORAGE:**

Avoid unnecessary contact, wash thoroughly after handling. Reseal containers immediately after use. Store in a dry area away from heat. Store away from food and beverages.

**OTHER PRECAUTIONS:**

**Special sensitivity:** Moisture

**SPECIAL COMMENTS:**

**SECTION 11 - TOXICOLOGICAL INFORMATION**

**ACUTE TOXICITY ORAL LD50:** Greater than 5000 mg/kg (rat)

**EYE EFFECTS:** Non-irritating to rabbit eyes.

**SKIN EFFECTS:** Non-irritating to rabbit skin (4 hrs)

**SENSITIZATION:** Beuhler test: No sensitization

**CHRONIC TOXICITY:** After lifelong exposures to MEKO at the maximum concentration of 375 ppm, liver carcinomas were observed in male rats and mice. At 75 ppm, benign liver tumors were observed. No liver tumors were observed at 15 ppm.

**SECTION 12 - REGULATORY INFORMATION**

**T.D.G. INFORMATION**

**SHIPPING NAME:** Not controlled

**P.I.N. NUMBER:**

**TDG CLASS:**  
**PACKAGING GROUP:**

**WHMIS INFORMATION**

**CLASS:** Not regulated  
**OSHA STATUS:** This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. RCRA STATUS: If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

**SECTION 13 - OTHER INFORMATION**

*The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.*

**Reference:** *The information herein is presented in good faith and believed to be correct as of the date hereof. Information is based upon supplier issued material safety data sheets and may be subject to error. If apprised of changes, updated MSDS will be promptly issued. Users must make their own determination regarding the suitability of the product for their own purposes prior to use.*

*Prepared by Lexsuco 2010 Corporation.*