

KORZITE COATINGS INC.

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT INFORMATION.

Material Name/Identifier: SR/CWR MF2

Manufacturer's Name: Korzite Coatings Inc.  
7134 Wellington Rd.124  
Guelph, Ontario  
N1H 6N3

Emergency Telephone Numbers: During business hours 519 821 1250  
After business hours 613 996 6666

Trade Name: Concrete Water Repellent  
Product Class: Water Based

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredient:	Approximate Concentration:	C.A.S. Number:	Exposure Limits:	LD50	LC50 Inhalation(Rat)
Potassium Methyl Siliconate	5.0 – 10.0 %	31795-24-1	Not established	Not available	Not available

SECTION III - PHYSICAL DATA FOR MATERIAL

Appearance and Odour: Clear liquid with slight odour present

Evaporation Rate: Slower than n-Butyl Acetate (n-Butyl Acetate = 1)

% Volatile by Volume: 98.4 +/- 1%

Specific Gravity: 1.02 +/- 0.1

Boiling Point: 100 degrees Celsius

pH: 13 - 14

#### SECTION IV - FIRE AND EXPLOSION HAZARDS OF MATERIAL

Flammability: Not flammable.  
Means of Extinction: Not Applicable  
Special Procedures: No special requirements.  
Flash point (degrees Celsius) and Method: Not applicable  
Hazardous Combustion Products: Not applicable  
Unusual Fire and Explosion Hazards: Not applicable

#### SECTION V - REACTIVITY DATA

Chemical Stability: Stable  
Incompatibility to Other Substances: No  
Reactivity and Under What Conditions: Not applicable  
Hazardous Decomposition Products: May produce Carbon Monoxide, Carbon Dioxide , silicon dioxide, and metal oxides.  
*Hazardous Polymerization will not occur.*

#### SECTION VI - TOXICOLOGICAL PROPERTIES OF PRODUCT

**Route of Entry:** *Skin contact, Eye contact, Inhalation, Ingestion.*

**Effects of Acute Exposure to Product:**

**Eyes:** May cause irreversible damage and burns to the eyes.  
**Skin:** Corrosive. Burns skin upon short periods of contact.  
**Inhalation:** Mist irritating to respiratory tract.  
**Oral:** Corrosive. May cause severe and permanent damage to the mouth and stomach

**Effects of Chronic Exposure to Product:** None currently known.

**Irritancy of Product:** Corrosive damage.

**Sensitization to Product:** Not established.

**CAUTION!!!** This product contains CORROSIVE MATERIAL.

#### SECTION VII - PREVENTIVE MEASURES

Personal Protective Equipment

**Gloves:** Neoprene  
**Respiratory:** Organic respirator.  
**Eye:** Use chemical worker's goggles.  
**Footwear:** Safety boots.  
**Clothing:** Overalls.  
**Other:** Apron.

**Engineering Controls:**

Local exhaust desirable.

**Leak and Spill Procedures:**

Wear adequate respiratory protection. Flush with water to an open, well ventilated area.

Remove to a container or absorb with absorbent material.

**Waste Disposal:**

Dispose of by controlled burning or landfill in an approved site, in accordance with Federal, Provincial and Local laws and regulations.

**Handling Procedures and Equipment:**

Keep containers closed. Do Not store with acids. Avoid splash-filling.

**Storage Requirements:**

Store in cool, well-ventilated area. Avoid excessive heat.

**Regulatory Classification:**

<b>HMIS Rating:</b>			
Health:	Flammability	Reactivity	Personal Protection
2	0	0	H
<b>HMIS Classification:</b>	Corrosive		
<b>Shipping Name:</b>	Caustic Alkaline Liquid. N.O.S.		
<b>Hazard Class:</b>	Class 8		
<b>Special Shipping Information:</b>	UN Number - 1719		
<b>Packing Group:</b>	III		

**SECTION VIII - FIRST AID MEASURES.**

**Skin:** Remove from skin and immediately flush with water for 20-30 minutes. Get medical attention.

**Eye:** Immediately flush eyes with water for at least 20-30 minutes, especially under eyelids. Get medical attention.

**Inhalation:** Remove victim from area and restore breathing if required. Get immediate medical attention.

**Ingestion:** Do not induce vomiting. Get immediate medical attention.

**General Advise:** Treat according to person's condition and specifics of exposure.

SECTION IX - PREPARATION DATE OF M.S.D.S.

Additional Information/Comments:

The information contained here may not be valid if this product is used:

In conjunction with any other chemical product.

For a purpose other than intended.

In unusual conditions.

The information contained herein is based on information available at the indicated date of preparation. This M.S.D.S. supersedes all previous M.S.D.S.'s for this product.

Sources Used:

1. Raw Material M.S.D.S.'s from suppliers.
2. M.S.D.S. guidelines from C.P.C.A.
3. Guide to Canadian Transportation of Dangerous Goods Act and Regulations.
4. The W.H.M.I.S. Handbook.

Prepared By:

Date of Preparation: May4, 2005