

KORZITE COATINGS INC.

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT INFORMATION.

Material Name/Identifier: SR/SP

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 Cleaner and Surface Prep
Production Class : Acid Solution

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredient:	Approximate Concentration:	C.A.S. Number:	Exposure Limits:	LD50	LC50 Inhalation(Rat)
Phosphoric Acid	50.0 – 100.0 %	7664-38-2	Not established	1520 mg/Kg	Not established
Sulphuric Acid	10.0 – 30.0 %	7664-93-92	Not established	Oral (Rat) 2140 mg/Kg Dermal (RbT) 14g/Kg	510 mg/m3/2h

SECTION III - PHYSICAL DATA FOR MATERIAL

Appearance and Odour: Amber clear liquid with the odour of solvent present.
Evaporation Rate: Slower than n-Butyl Acetate (n-Butyl Acetate = 1)
Specific Gravity: 1.35 +/- 0.5
Boiling Point: ND
pH: 10% Solution <2

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: Hydrogen Fluoride Gas, Phosphoric oxide and Hydrogen Gas may evolve when in contact with Metal.

Unusual Fire and Explosion Hazards: Not applicable

SECTION V - REACTIVITY DATA

Chemical Stability: Stable

Incompatibility to Other Substances: Strong alkalis and oxidizers, some heat may be generated when mixed with water.

Reactivity and Under What Conditions: High temperatures.

Hazardous Decomposition Products: Hydrogen Fluoride Gas, Phosphoric oxide and Hydrogen Gas may evolve when in contact with Metal.

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: Corneal damage to eyes.

Skin: Corrosive. Burns skin upon short periods of contact.

Inhalation: Mist irritating to respiratory tract.

Oral: Corrosive. Causes severe and permanent damage to the mouth, throat and abdomen, vomiting, diarrhea and perforation of the oesophagus and stomach lining may occur.

Effects of Chronic Exposure to Product: May cause bronchitis, pulmonary edema. Repeated exposure to skin may cause dermatitis.

Irritancy of Product: Severe

Sensitization to Product: ND

CAUTION!!! This product contains CORROSIVE MATERIAL.

SECTION VII - PREVENTIVE MEASURES

Personal Protective Equipment

Gloves: Neoprene

Respiratory: NIOSH approved organic respirator with acid filters.

Eye: Use chemical worker's goggles. Do not wear contact lenses.

Footwear: Chemical resistant.

Clothing: Rubber apron if splashing may occur.

Other: Impermeable apron, face shield.

Engineering Controls: Good ventilation, some fumes may be heavier than air, so hoods and down draft systems should be used for indoor use.

Leak and Spill Procedures:

Wear adequate respiratory protection. Eliminate sources of ignition. Small spills may be neutralized with large amounts of water. Larger spills to be absorbed with dry sand or earth, contain and transfer to a non metal container, area can be neutralized with Soda ash and rinsed. Keep de-neutralized product away from sewers, watersheds and water systems.

Waste Disposal:

Dispose in accordance with Federal, Provincial and Local laws and regulations.

Handling Procedures and Equipment:

Keep containers closed. Handle safely as with any other acidic product.

Storage Requirements:

Storage Requirements:

Store in cool, well-ventilated area. Keep away from organic chemicals, strong bases and readily oxidizable material.

Regulatory Classification:

HMIS Rating:			
Health:	Flammability	Reactivity	Personal Protection
3	0	3	H
WHMIS Classification:	Class E, Class D 2B		
Shipping Name:	Corrosive liquid. N.O.S.(Phosphoric Acid and Sulphuric Acid)		
Hazard Class:	Class 8		
Special Shipping Information:	UN Number - 1760		
Packing Group:	III		

SECTION VIII - FIRST AID MEASURES.

Skin: Wash contaminated skin with plenty of water. Remove contaminated clothing.

Eye: Flush eyes immediately with water for 15 minutes especially under lids. Seek Medical attention.

Inhalation: Remove victim to fresh air, restore and support continued breathing. Seek Medical attention.

Ingestion: Do not induce vomiting. Seek Medical attention immediately.

General Advise: Guard against aspiration of the product into the lungs.

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

Additional Information / Comments:

The information contained herein relates only to this product or material and may not be valid when used in combination with any other product or material or in any process. If the product is not to be used for a purpose or under conditions which are normal or reasonably foreseeable, this information cannot be relied upon as complete or applicable.

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.

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