

KORZITE COATINGS INC.
MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT INFORMATION.

Material Name/Identifier: SR/RC

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: Rust Cleaner
Product Class: Acid Cleaners

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredient:	Approximate Concentration:	C.A.S. Number:	Exposure Limits:	LD50	LC50 Inhalation(Rat)
Phosphoric Acid	40.0 – 70.0 %	7664-38-2	Not established	1520 mg/Kg	Not established
Nonyl Phenol Ethoxylate	1.0 – 5.0 %	9016-45-9	Not established	Oral (Rat) 3000 mg/Kg	Not established

SECTION III - PHYSICAL DATA FOR MATERIAL

Appearance and Odour: Green liquid with slight acidic odor present

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

Specific Gravity: 1.1 +/- 0.5

Boiling Point: 100 C

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.

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 damage to the mouth, throat and abdomen, vomiting, diarrhea may occur.

Effects of Chronic Exposure to Product: Bone and joint changes in humans (Fluorosis).

Irritancy of Product: Moderate

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.

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:

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
1	0	0	H
WHMIS Classification:	Class E		
Shipping Name:	Corrosive liquid. N.O.S.(Phosphoric Acid)		
Hazard Class:	Class 8		
Special Shipping Information:	UN Number - 1760		
Packing Group:	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.

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