

KORZITE COATINGS INC.

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT INFORMATION.

Material Name/Identifier: SR/COD

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: Citrus Oil Degreaser
Product Class: Alkalis

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredient:	Approximate Concentration:	C.A.S. Number:	Exposure Limits:	LD50	LC50 Inhalation(Rat)
Sodium Metasilicate	5.0 – 7.0 %	6834-92-0	Not established	Oral(Rat) 1470 gm/Kg	Not established
D-Limonene	0.50 – 1.50 %	11-76-2	Not established	Oral(Rat) 1480 gm/Kg	Not established

SECTION III - PHYSICAL DATA FOR MATERIAL

Appearance and Odour: Orange liquid with the citrus odour present.

Evaporation Rate: 1 (Water –1)

% Volatile by Volume: 100%

Specific Gravity: 1.020 +/- 0.1

Boiling Point: 100 degrees Celsius

pH: 11.8

SECTION IV - FIRE AND EXPLOSION HAZARDS OF MATERIAL

Flammability: Non flammable.

Means of Extinction: Foam, Carbon dioxide or dry chemical.

Special Procedures: Wear self-contained breathing apparatus with a full face piece. Use water spray to cool near by containers and structures exposed to fire.

Flash point and Method: Not applicable

Hazardous Combustion Products: Carbon Monoxide, Carbon Dioxide, Nitrous Oxide, Ammonia.

Unusual Fire and Explosion Hazards: Not applicable

SECTION V - REACTIVITY DATA

Chemical Stability: Stable

Incompatibility to Other Substances: Strong oxidizing agents and strong acids.

Reactivity and Under What Conditions: Avoid heat and cold exposure.

Hazardous Decomposition Products: Carbon Monoxide, Carbon Dioxide, and various Hydrocarbons.

Hazardous Polymerization will not occur.

SECTION VI - TOXICOLOGICAL PROPERTIES OF PRODUCT

Route of Entry: Eye contact, inhalation, and ingestion.

Effects of Acute Exposure to Product:

Eyes: Can cause irritation of eyes, may also cause redness and pain.

Inhalation: Can cause irritation of respiratory tract, headache, dizziness, drowsiness, nausea, and vomiting.

Ingestion: Can cause irritation, a burning sensation of the mouth, throat and respiratory tract and abdominal pain.

Effects of Chronic Exposure to Product:

Skin: Can cause dermatitis, defatting, and sensitization to skin.

Eyes: Can cause blurred vision, tearing and redness, corneal damage and conjunctivitis.

Inhalation: Can cause mucous membrane irritation, central nervous system depression, respiratory problems, intoxication, confusion, loss of consciousness and asphyxiation.

Ingestion: Can cause nausea, vomiting, diarrhea and neural dysfunction.

Irritancy of Product: The product can cause irritation to skin, eyes, respiratory tract and digestive system.

Sensitization to Product: Not Established.

Carcinogenicity: Not applicable.

SECTION VII - PREVENTIVE MEASURES

Personal Protective Equipment:

Gloves: Chemical resistant gloves should be used. Neoprene or rubber glove may be used for exposure of short duration.

Respiratory: An air-purifying respirator equipped with organic vapour cartridges (vapour respirator).

Eye: Chemical safety goggles.

Footwear: Chemical resistant boots.

Clothing: Protective clothing or overalls.

Other: Impermeable apron, face shield.

Engineering Controls:

General ventilation required local exhaust ventilation desirable.

Leak and Spill Procedures:

Wear adequate respiratory protection. Small spills may be neutralized with mild acid solution. 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 of contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate Federal, Provincial and Local regulatory agencies to ascertain proper disposal procedures.

Handling Procedures and Equipment:

Avoid contact with eyes, skin or cloth. Wash thoroughly after handling.

Storage Requirements:

Store in cool, well-ventilated area. Do not freeze.

Regulatory Classification:

HMIS Rating:			
Health:	Flammability	Reactivity	Personal Protection
1	0	0	G

HMIS Classification: Class E

Shipping Name: Paint related material

Hazard Class: Not applicable

Special Shipping Information: Not applicable

Packing Group: Not applicable

SECTION VIII - FIRST AID MEASURES.

Skin: Wash contaminated skin with mild soap and 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 Advice: Guard against aspiration of the product into the lungs.

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: May 4, 2005