

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT INFORMATION

Product Identifier: INSULATING VARNISH		Chemical Description LACCOLITE CLEAR	
Product Use: Insulation varnish for electrical equipments.			
Manufacturer's Name: TARA PAINTS & CHEMICALS		Supplier's Name: TARA PAINTS & CHEMICALS	
Street Address: A/423/14, MAHAGUJARAT IND.ESTATE, AHMEDABAD		Street Address: A/423/14, MAHAGUJARAT IND.ESTATE, AHMEDABAD	
City: AHMEDABAD	State & Country: GUJARAT	City: AHMEDABAD	State & Country: GUJARAT
Postal Code: 382210	Emergency Phone: 91-2717-251256	Postal Code: 382210	Emergency Phone: mobile: 9825066652

SECTION 2 - HAZARDOUS INGREDIENTS

Hazardous Ingredients (Specific)	%	CAS Number	LD ₅₀ of Ingredient (Specify species, route)	LC ₅₀ of Ingredient(Specify species)
TOLUENE	20 - 30	108-88-3	5000 mg/kg(Oral, RAT)	4000 ppm (Vapor, RAT)
MINERAL SPIRITS	30 - 40	8052-41-3	5000 mg/kg(Oral, RAT)	800 ppm (Vapor, RAT)

SECTION 3 - PHYSICAL DATA

Physical State: Liquid	Odour and Appearance: liquid with a solvent smell		Odour Threshold(ppm): Not Available
Specific Gravity: 0.99 - 1.1	Vapour Density(air=1): Not Available	Vapour Pressure(mmHg): Not Available	Evaporation Rate: Not Available
Boiling Point(° C): Not Available	Freezing Point(° C): Not Available	pH: Not Applicable	Coefficient of Water/Oil Distribution: Not Available

SECTION 4 - FIRE AND EXPLOSION DATA

Flammability: Yes	If yes, Under which Conditions? flammable liquid	
Means of Extinction: Alcohol foam, Carbon dioxide, Dry chemical powder, Polymer foam		
Flashpoint and Method: 43 °C Closed Cup	Upper Flammable Lt (% by Volume): Not Available	Lower Flammable Lt (% by Volume): Not Available
Auto ignition Temperature: Not Available	Explosion Data - Sensitivity to Impact: No	Explosion Data - Sensitivity to Static discharges: No
Hazardous Combustion Products: carbon monoxide, carbon dioxide, nitrogen oxides		

SECTION 5 - REACTIVITY DATA

Chemical Stability: Stable	If Yes, Under which Conditions? Not Applicable
Incompatibility with other substances: Yes	If yes, which ones? Strong Acids / Strong Oxidising agents/ Strong Bases
Reactivity, and under what conditions? exposure to ignition sources, heat, ignition sources, exposure to peroxides, sparks, open flame, generation of dust, ignition sources, heat (temperatures above 194 °C)	
Hazardous Decomposition Products: Carbon Monoxide	

SECTION 6 - TOXICOLOGICAL PROPERTIES

Route of Entry	Skin Contact: Yes	Absorption: Yes	Eye Contact: Yes	Inhalation: Yes	Ingestion: Yes
Effects to Acute exposure to Product: TOLUENE has been known to cause FATIGUE, WEAKNESS, INCOORDINATION, HEADACHE and DIZZINESS.. MINERAL SPIRITS has been known to cause EYE IRRITANT, NOSE IRRITANT, THROAT IRRITANT, DIZZINESS and DERMATITIS					
Effects to Chronic exposure to Product: TOLUENE has been known to cause IMPARED MEMORY, IMPARED SPEECH, IMPARED VISION, IMPARED HEARING. MINERAL SPIRITS has been known to cause NARCOSIS, CENTRAL NERVOUS SYSTEM DEPRESSION.					
Exposure Limits (Value, Units, By) TOLUENE: 100 PPM ACGIH MINERAL SPIRITS: 100 PPM ACGIH			Irritancy (if yes, explain) TOLUENE is a skin and eye irritant. MINERAL SPIRITS is a skin and eye irritant. (MILD)		
Sensitisation (if yes, explain) TOLUENE is a skin sensitiser.			Carcinogenicity (if yes, explain)		
Reproductive Toxicity (if yes, explain)			Teratogenicity (if yes, explain)		
Mutagenicity (if yes, explain)			Synergistic Products (if yes, explain)		

SECTION 7 - PREVENTIVE MEASURES

Personal Protective Equipment	Gloves: Yes	Respirator: Yes	Eye: Yes	Footwear: No	Clothing: No	Other: No
If checked, specify type: Gloves: BUTYL RUBBER Respirator: NIOSH APPROVED Eye: SPLASH RESISTANT						
Engineering controls (specify such as ventilation, enclosed process): Use mechanical ventilation to reduce exposure						
Leak and Spill Procedure: Wear adequate protective equipment. Contain spill with absorbent material and place in a suitable covered and labelled container for disposal.						
Waste Disposal: Check with federal. Provincial and local government regulations and requirements for disposal						
Handling Procedures Equipment: Use in a well-ventilated area. Do not use with incompatible substances.						
Storage Requirements: Store in a cool, well-ventilated area out of direct sunlight.						
Special Shipping Information: TDG Shipping Name: PAINT Classification: 3.3 Packing Group: III Identification Number: UN1263						

SECTION 8 - FIRST AID MEASURES

Inhalation: Remove to fresh air. Get medical help if there is any breathing difficulty
Ingestion: Do not induce vomiting unless directed by a physician. Give two glasses of water. Seek medical attention immediately
Skin Contact: Remove Contaminated clothing (including shoes) and washes before reuse. Flush with large amounts of soap and water. If irritation persists, seek medical attention.
Eye Contact: Flush eyes with large amounts of lukewarm water for 20 minutes, while holding eyelids open or until irritation subsides. If irritation persist, get medical attention.

SECTION 9 - PREPARATION INFORMATION

Prepared By: Technical Department, Tara Paints & Chemicals	Phone: 91-2717-320003	Preparation Date: Jan, 15, 2007
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