

Material Safety Data Sheet

SKIN-COTE
Quick Identifier
Common Name (Used on label and list)

SECTION 1

Manufacturer's Name: Hydrol Chemical Company
Address: 520 Commerce Drive
City, State, and Zip: Yeadon, PA 19050
Emergency Telephone No.: Day - (800) 345-8200
 Night - CHEMTREC (800) 424-9300
Information Calls: (800) 345-8200
Signature of Person Responsible for Preparation (Optional): _____
Date Prepared: 6/97
Prod. Class: Nitrocellulose Lacquer **MFG's Code:** L-204 **Trade Name:** Water White Clear Gloss Lacquer
Hazardous Material Identification: Health (2) Flammability (3) Reactivity (1) Personal Protection (1)

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Ingredients	CAS #	Percent Hazard	TLV PPM	TLV MG/M ³
Isobutyl Alcohol	78-81-1	3.5%	50.00	N/A
Isopropyl Alcohol	67-63-0	6.1%	400.00	N/A
Light Aliphatic Solvent Naphtha	64742-89-8	20.2%	400.00	N/A
Methyl Ethyl Ketone	78-93-3	12.8%	200.00	N/A
Methyl Isobutyl Ketone	108-10-1	5.2%	100.00	N/A
N-Butyl Acetate	123-86-4	16.2%	100.00	N/A
N-Butyl Alcohol	71-36-3	3.5%	50.00	N/A
Nitrocellulose	9004-70-0	8.1%	N/A	N/A
Petroleum Solvent	64742-89-8	4.1%	200.00	N/A
Toluene	108-88-3	6.6%	100.00	N/A

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point: 282-175°F **Vapor Density (Air=1):** Heavier than air. **Evaporation Rate:** Slower than Ether
% Volatile by weight: 78.8% **Weight per Gallon:** 7.3 pounds

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point: 5°F TOC **Method Used:** _____ **Flammable Limits in Air % By Volume:** LEL Lower 1.00 UEL Upper _____
Auto-Ignition Temperature: _____ **Extinguisher Media:** Foam, Carbon Dioxide or Dry Chemical for fires.
Special Fire Fighting Procedures: Use self-contained air supply for persons in enclosed areas. Cool exposed containers with water.
Unusual Fire and Explosion Hazards: Keep containers tightly closed. Isolate from heat, sparks, electrical equipment and open flame. Closed containers may explode when exposed to extreme heat.

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability: Unstable Conditions to Avoid Stable Conditions to Avoid Keep away from strong oxidizing agents.
Hazardous Decomposition Products: Oxides of nitrogen, carbon monoxide, carbon dioxide, unidentified organics and smoke may be formed during combustion.
Hazardous Polymerization: May Occur Conditions to Avoid Will Not Occur Conditions to Avoid High temperatures, sparks and flame.

SECTION 6 - HEALTH HAZARDS

Effects of Overexposure: Irritation of nose, throat, eyes and possible dizziness and nausea. Narcosis may occur in high concentrations. Repeated or prolonged exposure may cause delayed effects involving central nervous system, depression (Nausea, vomiting, dizziness). The blood and or bone marrow. The Reproductive System.
Aggravated by Exposure: Pre-existing skin, eye and respiratory disorders may be aggravated by exposure to this product.
Primary Route of Entry: Inhalation.
Health Hazards Specific to Product Components: **Light hydrocarbon vapors:** of the general type present in this product have been reported in animal studies using both sexes of several species to show kidney effects can occur after prolonged and repeated inhalation exposures. Product has a low order of acute oral toxicity, but minute amounts aspirated into the lungs during ingestion may cause severe pulmonary injury or death.
Xylene: studies have shown a possible association with exposure to this product and respiratory tract irritation. Liver and kidney damage in humans, nausea and vomiting.
Toluene: intentional abuse, misuse or other massive exposure to toluene may cause multiple organ (liver, kidney, brain cell) damage and or death.
Emergency and First Aid Procedures: Move to fresh air and call a physician. Flush eyes with water. Wash off skin contact with soap and water. If ingested, do not induce vomiting.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled: Extinguish pilot lights, open flames and other ignition sources. Ventilate area. Recover free Liquid with absorbent material and place in metal containers.
Waste Disposal Methods (Consult federal, state, and local regulations): Observe precautions for disposal of flammable materials in accordance with local, state and federal regulations. Do not incinerate closed containers.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify Type): If applied by spraying. Use approved respirator. (NIOSH 23C).
Ventilation: Provide adequate mechanical ventilation to keep product vapor concentrations within specified TLV ranges. Heavy solvent vapors should be removed from the lower levels of area, and all ignition sources eliminated. Vent vapors emitted on heating.
Protective Gloves: Neoprene or Solvent Resistant gloves **Eye Protection:** Chemical glasses, or face Shields.
Other Protective Clothing or Equipment: Avoid prolonged contact with skin and breathing of vapor mist. Do not take internally. Containers should be grounded and bonded when pouring to reduce sparking hazard.
Precautions to be taken in handling and storing: Keep product containers cool, dry and away from sources of ignition. Use and store with adequate ventilation. Keep product containers closed when not in use.
Other Precautions: Avoid prolonged contact with skin and breathing of vapor mist. Do not take internally. Containers should be grounded and bonded when pouring to reduce sparking hazard.

SECTION 9 - OTHER INFORMATION

DOT HAZARD CLASS: 3 **UN NUMBER:** UN1263
NFPA HAZARD CLASS: HEALTH: 1 FLAMMABILITY: 3