

# MATERIAL SAFETY DATA SHEET- LACQUER

## I. PRODUCT INFORMATION

Page 1 of 2

Manufacturer: Shenyang Zhengda Chemical Co. Ltd.	Telephone:
Address: No. 5-51 Baogong Street Shenyang, China 110023	Emergency Only: 1-800-488-5422
	Chemical Name: Nitryl Varnish (lacquer)
	Trade Name: None

## II. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	% Wgt. >	Exposure Limits	
			ACGIH TLV-TWA	OSHA-PEL- TWA
Acetone	67-64-1	30	500 PPM	750 PPM
Toluene	108-88-3	15	50 PPM	200 PPM
Acrylic Resin	NDA	15	NDA	NDA
Xylene	1330-20-7	15	100 PPM	100 PPM
Ethylbenzene	100-41-4	5	100 PPM	100 PPM
1,2,4- Trimethylbenzene	95-63-6	5	25 PPM	NDA
Butyl Benzyl Phthalate	85-68-7	5	5 mg/cu.M	5 mg/cu.M

## III. PHYSICAL DATA

Appearance:	Clear Amber Liquid	Volatiles:	Nil (upon drying)
Odor:	Solvent like	pH:	NDA
Boiling Range:	34 to 698 F	Specific Gravity:	NDA
Freezing Point:	NA	Vapor Pressure:	NDA
Solubility in Water:	Slight	Vapor Density:	Heavier than air

## V. HEALTH HAZARD / ROUTE(S) OF ENTRY

<u>Symptoms of Overexposure</u>	
Inhalation (breathing):	Harmful if inhaled- will irritate throat and lungs
Skin Contact:	May cause skin irritation.
Eye Contact:	Causes eye irritation
Ingestion(swallowed):	Harmful if swallowed- Aspiration hazard- can enter lungs and cause damage
<u>First Aid Procedures</u>	
Inhalation (breathing):	Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen and seek medical attention.
Skin Contact:	Wash with soap and water. If irritation develops, seek medical attention.
Eye Contact:	Flush eyes with large amounts of water for 15 minutes. Seek medical attention.
Ingestion(swallowed):	Do not induce vomiting or give anything by mouth. Seek immediate medical attention.
<u>Danger!</u>	
Aspiration Hazard:	If swallowed, can enter lungs and cause severe lung damage. Do not induce vomiting. Call Physician immediately.
Suspected Cancer Agent	
YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	IARC lists Ethylbenzene as a possible human carcinogen (group 2B). May cause central nervous system disorder (loss of coordination, weakness, fatigue).

## IV. FIRE AND EXPLOSION

Flash Point:	-156 F
Flame Extension:	Not Applicable
Extinguishing Media:	Dry Chemical, Foam, Water Fog
Fire Fighting Procedures:	Extremely flammable liquid and vapor- Evacuate area and fight fire from a safe distance

**VI. REACTIVITY DATA**

Stability:	Stable
Conditions to Avoid:	Avoid all possible sources of ignition
Incompatibility:	Strong oxidizing materials
Hazardous decomposition products:	Thermal decomposition may yield carbon monoxide and/or carbon dioxide.
Hazardous polymerization:	Will not occur under normal conditions.

**VII. SPILL OR LEAK PROCEDURES****Spill Response Procedures**

Absorb small quantities with sand, earth, sawdust. Large quantities pump into tank.

**Waste Disposal Method**

Incinerate liquid, bury saturated absorbent in land fill. Dispose of in accordance with local, state and federal regulations. Do not incinerate closed containers.

**VIII. SPECIAL HANDLING INFORMATION**

Ventilation Requirements:	Use local exhaust to capture vapor, mist or fumes, if necessary. Provide ventilation sufficient to prevent exceeding recommended exposure limit or build up of explosive concentrations of vapor in the air. No smoking or use of flame or other ignition sources.
Respiratory Protection:	Use air respiratory protection in confined or enclosed spaces, if needed.
Protective Gloves:	Use chemical resistant gloves to avoid prolonged or repeated skin contact.
Eye Protection:	Use splash goggles or face shield when eye contact may occur.

**IX. SPECIAL PRECAUTIONS**

Keep from open flame. Do not take internally. Avoid excessive inhalation of vapors. Keep from children. Wash thoroughly before eating, drinking or smoking.

**X. Regulatory Information**

All ingredients for this product are listed on the TSCA Inventory.

SARA Title III chemicals:	None
California Prop. 65 chemicals	None
CERCLA reportable quantity	None
RCRA hazardous waste no.:	None

Signature: John Hardy 

Title: Engineering Manager

Revision Date: 7/1/2000 (original)

Supercedes: \_\_\_\_\_

NA = Not applicable

NDA = No data available

< = Less than

> = More than

We believe the statements, technical information, and recommendations contained herein are reliable. However, the data is provided without warranty, expressed or implied. It is the user's responsibility both to determine safe conditions for the use of this product and assume loss, damage or expense, direct or consequential arising from its use.