

NAILITE POLISH THINNER

SAFETY DATA SHEET

REVISED EDITION: 1
DATE: 04/07/2011
SUPERSEDED: 0/0/0

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME: NAIL POLISH THINNER
PRODUCT CODES: 01072
MANUFACTURER: NAILITE 4530 N HIATUS ROAD #109 SUNRISE, FL 33351 USA
EMERGENCY PHONE NUMBER: 352-323-3500

2. HAZARDS IDENTIFICATION

PRIMARY ROUTE OF ENTRY: INHALATION, SKIN AND INGESTION
EYE: LIQUID CONTACT WITH EYES CAN CAUSE IRRITATION AND POSSIBLE CORNEAL DAMAGE
SKIN: REPEATED OR PROLONGED EXPOSURE MAY CAUSE DRYING OF SKIN. SYMPTOMS INCLUDE REDNESS, BURNING, DRYING, CRACKING AND SKIN BURNS
INGESTION: SWALLOWING SMALL AMOUNTS DURING NORMAL HANDLING IS NOT LIKELY TO CAUSE HARMFUL EFFECTS; SWALLOWING LARGE AMOUNTS MAY BE HARMFUL. THIS MATERIAL CAN GET INTO THE LUNGS DURING SWALLOWING OR VOMITING
INHALATION: VAPORS ARE IRRITATING TO NASAL PASSAGES AND THROAT AND MAY CAUSE STUPOR OR HEADACHE. SYMPTOMS USUALLY OCCUR AT AIR CONCENTRATIONS HIGHER THAN THE RECOMMENDATION EXPOSURE LIMITS.
SUB-CHRONIC EFFECTS: SIGNIFICANT EXPOSURE TO THIS CHEMICAL MAY ADVERSELY AFFECT PEOPLE WITH CHRONIC DISEASE OR MAY CAUSE DAMAGE TO THE RESPIRATORY SYSTEM, SKIN AND EYES.
NOTE: REFER TO SECTION 11 TOXICOLOGICAL INFORMATION FOR DETAILS

3. COMPOSITION/INFORMATION OF INGREDIENTS

CHEMICAL IDENTITY	CAS NUMBERS	INCI NAME	EXPOSURE LIMITS		CARCINOGEN	%
			OSHA TWA/STEL	ACGIH TWA/STEL		
ETHYL ACETATE	141-78-6	ETHYL ACETATE	400 ppm	400 ppm	NOT LISTED	60
ISOPROPYL ALCOHOL	67-63-0	ISOPROPYL ALCOHOL	400 ppm	400 ppm	3/NONE/NONE	10
BUTYL ACETATE	123-86-4	BUTYL ACETATE	150 ppm	150 ppm	NOT LISTED	20
METHYL ETHYL KETONE	78-93-3	METHYL ETHYL KETONE	200 ppm	200 ppm	NOT LISTED	5
ETHANOL	64-17-5	ETHANOL	1000 ppm	1000 ppm	NOT LISTED	5

4. FIRST AID MEASURES

FIRST AID FOR EYES: FLUSH WITH WATER FOR 15 MINUTES, INCLUDING UNDER EYELIDS. GET MEDICAL HELP IF DISCOMFORT PERSISTS
FIRST AID FOR SKIN: WASH THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL HELP IF DISCOMFORT PERSISTS.
FIRST AID FOR INHALATION: REMOVE TO FRESH AIR. IF HAVING BREATHING DIFFICULTY, GIVE OXYGEN. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. SEEK MEDICAL HELP IF DISCOMFORT PERSISTS.
FIRST AID FOR INGESTION: IF INDIVIDUAL IS DROWSY OR UNCONSCIOUS, DO NOT GIVE ANYTHING BY MOUTH; PLACE INDIVIDUAL ON THE LEFT SIDE WITH HEAD DOWN. SEEK MEDICAL ATTENTION FOR ADVICE ABOUT WHETHER TO INDUCE VOMITING. IF POSSIBLE, DO NOT LEAVE INDIVIDUAL UNATTENDED.

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5 FIRE FIGHTING MEASURES

FLASH POINT: 68°F

FLAMMABLE LIMIT: LEL: 2%; UEL: 11.4%

AUTO-IGNITION TEMPERATURE: N/DA

METHOD:

EXTINGUISHING METHOD: USE CO2 OR DRY CHEMICAL FOR SMALL FIRES OR ALCOHOL TYPE
AQUEOUS FILM FORMING FOAM.

FIRE FIGHTING INSTRUCTIONS: IF POTENTIAL FOR EXPOSURE TO VAPORS OR PRODUCTS OF
COMBUSTION, WEAR COMPLETE PERSONAL PROTECTIVE
EQUIPMENT INCLUDING SELF CONTAINED BREATHING
APPARATUS, WITH FULL FACE OPERATED IN PRESSURE DEMAND.
FIGHT FIRE FROM A SAFE DISTANCE /PROTECTED LOCATION.

UNUSUAL HAZARDS: FLAMMABLE. WHEN EXPOSED TO HEAT AND FLAME, MATERIAL IS A FIRE EXPLOSION HAZARD. VAPOR
IS HEAVIER THAN AIR AND CAN TRAVEL CONSIDERABLE DISTANCE TO SOURCE OF IGNITION AND FLASH
BACK. MATERIAL CREATES A SPECIAL HAZARD IF IT FLOATS ON WATER.

6 ACCIDENTAL RELEASE MEASURES

SPILL OR RELEASE PROCEDURES: EVACUATE AREA AND ELIMINATE ALL POSSIBLE SOURCES OF
IGNITION. USE SELF-CONTAINED BREATHING APPARATUS AND
PROTECTIVE CLOTHING. DIKE AND ABSORB WITH INERT MATERIAL
(SAND, SODA, ASH, VERMICULITE...ETC) AND THEN TRANSFER TO
PROPER CONTAINERS FOR DISPOSAL, USING NON SPARKLING
TOOLS.KEEP SPILLS OUT OF SEWERS AND OPEN BODIES OF WATER.
REMOVE SATURATED CLOTHING AND WASH AFFECTED AREAS
WITH SOAP AND WATER.

7 HANDLING AND STORAGE

HANDLING: CLOSED CONTAINERS EXPOSED TO TEMPERATURE ABOUT (120°F) IN TRANSIT OR
STORAGE MAY DEVELOP VAPOR PRESSURE. OPEN CONTAINERS SLOWLY. GROUND ALL METAL
CONTAINERS WHEN TRANSFERRING MATERIAL. WASH FACE AND HANDS THOROUGHLY WITH SOAP
AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING.

STORAGE: STORE IN COOL, WELL VENTILATED AREA AWAY FROM HEAT, SPARKS, AND FLAME. KEEP
CONTAINERS CLOSED WHEN NOT IN USE

EXPLOSION HAZARD: FLAMMABLE LIQUID. NEVER USE WELDING OR CUTTING TORCH ON OR NEAR
DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: USE PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION OR OTHER ENGINEERING CONTROLS
TO CONTROL AIRBORNE LEVELS BELOW RECOMMENDED EXPOSURE LIMITS. USE EXPOSION-PROOF VENTILATION EQUIPMENT.

PERSONAL PROTECTIVE EQUIPMENT:

GENERAL: USE COMPLETE PROTECTIVE EQUIPMENT, AS SPECIFIED BELOW. PROVIDE EYE WASH STATIONS AND SHOWERS.

EYE/FACE PROTECTION: CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS ARE ADVISED; HOWEVER,
OSHA REGULATIONS ALSO PERMIT OTHER TYPES OF SAFETY GLASSES.

SKIN PROTECTION: WEAR CHEMICAL RESISTANT NEOPRENE OR RUBBER GLOVES.

RESPIRATORY PROTECTION: USE SELF CONTAINED BREATHING APPARATUS WHEN NEEDED.

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9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: CLEAR, COLORLESS, MOBILE LIQUID
ODOR & ODOR THRESHOLD: FRUITY, PUNGENT MIXED ODOR
-PH: N/A
SPECIFIC GRAVITY: (H20=1)
VISCOSITY: N/A
%VOLATILE: W/W %: 99+
BOILING POINT/FREEZING POINT: 77°C
DECOMPOSITION TEMPERATURE: N/DA
OCTANOL/VAPOR PARTITIONING COEFFICIENT: N/DA
VAPOR PRESSURE: 73 mm Hg @ 20°C
VAPOR DENSITY: (AIR=1): 3.0
EVAPORATION RATE: (BUTYL ACETATE=1):4.5
IGNITION: N/A
SOLUBILITY IN WATER: 8.7%

10 STABILITY AND REACTIVITY

STABILITY: STABLE
INCOMPATIBILITY: OXIDIZING AGENT ie, HYDROGEN PEROXIDE, NITRIC ACID, PERCHLORIC ACID, CHROMINUM TRIOXIDE
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: HEAT, SPARKS, FLAME

11 TOXICOLOGICAL INFORMATION

ACUTE ORAL TOXICITY: MOUSE:LD50=4100 mg
ACUTE DERMAL TOXICITY: N/DA
ACUTE INHALATION TOXICITY: MOUSE: LC50=45 gm/m3/2H
IRRITATION-SKIN: RABBIT LD 50 = > 20 gm/kg
IRRITATION EYE: N/DA
SENSITIZATION: N/DA
MUTAGENICITY: HAMSTER FIBROBLAST 9g/L SEX CHROMOSOME LOSS/NON-DISJUNCTION: S. CEREVISIAE 24400 ppm
SUB-CHRONIC TOXITY: N/DA

12 ECOLOGICAL INFORMATION

ACUTE TOXICITY TO FISH: FATHEAD MINNOW: 230 mg/L 96 HDAPHID LC50=2500 mg/L/96H
ACUTE TOXICITY TO INVERTABRATES: N/DA ACUTE TOXICITY TO ALGAE: N/DA BIOCENTRATION: N/DA
TOXICITY TO SEWAGE BACTERIA: N/DA BIODEGRADIBILITY: MAY EVAPORATE AT A MODERATE EXTENT IN BOTH SOIL AND WATER. HALF-LIFE OF 1 DAY IN WATER. CHEMICAL OXYGEN DEMAND: N/DA

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13 DISPOSAL CONSIDERATIONS

ALL NOTIFICATION, CLEAN UP AND DISPOSAL SHOULD BE CARRIED OUT IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL GOVERNMENT REGULATIONS. MIX WITH COMPATIBLE CHEMICAL WHICH IS LESS FLAMMABLE AND INCINERATE.

14 TRANSPORT INFORMATION

DOT/UN SHIPPING NAME: UN 1993; FLAMMABLE LIQUID, N.O.S. CLASS 3, PG II

15 REGULATORY INFORMATION

Clean Air Act: HAP/ ODS	This product contains no ozone depleting substances. It does however contain the following HAP's: Methyl Ethyl Ketone CAS #78-93-3.
Clean Water Act: Priority Pollutant	The following ingredients are listed as hazardous pollutants under the CWA: n-butyl acetate CAS #123-86-4 (HS).
FDA: Food Packaging Status	This product has not been created by the FDA for use in food packaging and/ or other applications as an indirect food packaging additive.
Occupational Safety and Health Act	This product is considered to be hazardous under the OSHA Hazard Communication Standard. Its hazards are: <ul style="list-style-type: none"> ▪ Immediate (acute) health hazard. ▪ Fire hazard.
SARA Title III: Section 302	This product contains the following chemicals regulated under SARA 302: None.
SARA Title III: Section 304	This product contains chemicals regulated under Section 304 as extremely hazardous chemicals for emergency release notification ("CERCLA" List): Ethyl Acetate CAS # 141-78-6 RQ (Lbs) 5000 N-butyl acetate CAS # 123-86-4 RQ (Lbs) 5000; and Methyl Ethyl Ketone CAS # 78-93-3 RQ (Lbs) 5000.
SARA Title III: Section 311-312	This product is considered to be hazardous under the OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370). Its hazards are: <ul style="list-style-type: none"> ▪ Immediate (acute) health hazard. ▪ Fire hazard.
SARA Title III: Section 313	This product contains the following chemicals which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: Isopropyl Alcohol CAS: 67-63-0, Methyl Ethyl Ketone CAS: 78-93-3.
TSCA Section 8(b): Inventory	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements.
RCRA	This product contains the following chemicals considered to be hazardous waste under RCRA (40 CFR 261). Ethyl Acetate CAS #141-78-6 RCRA Code U112, Methyl Ethyl Ketone CAS #78-93-3 RCRA Code: U159.
CA Right-to-Know Law:	Ethyl Acetate CAS 141-78-6; Methyl Ethyl Ketone CAS 78-93-3, Ethanol CAS 64-17-5, Isopropyl Alcohol CAS 67-63-0, n-Butyl Acetate CAS 123-86-4.
MA Right-to-Know Law:	Ethyl Acetate CAS 141-78-6; Methyl Ethyl Ketone CAS 78-93-3, Ethanol CAS 64-17-5, Isopropyl Alcohol CAS 67-63-0, n-Butyl Acetate CAS 123-86-4.
NJ Right-to-Know Law:	Ethyl Acetate CAS 141-78-6; Methyl Ethyl Ketone CAS 78-93-3, Ethanol CAS 64-17-5, Isopropyl Alcohol CAS 67-63-0, n-Butyl Acetate CAS 123-86-4.
PA Right-to-Know Law:	Ethyl Acetate CAS 141-78-6; Methyl Ethyl Ketone CAS 78-93-3, Ethanol CAS 64-17-5, Isopropyl Alcohol CAS 67-63-0, n-Butyl Acetate CAS 123-86-4.
FL Right-to-Know Law:	Ethyl Acetate CAS 141-78-6; Methyl Ethyl Ketone CAS 78-93-3, Ethanol CAS 64-17-5, Isopropyl Alcohol CAS 67-63-0, n-Butyl Acetate CAS 123-86-4.
MN Right-to-Know Law:	Ethyl Acetate CAS 141-78-6; Methyl Ethyl Ketone CAS 78-93-3, Ethanol CAS 64-17-5, Isopropyl Alcohol CAS 67-63-0, n-Butyl Acetate CAS 123-86-4.

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