

MATERIAL SAFETY DATA SHEET

DATE : 01/23/14

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

◆ IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

PRODUCT N° : Base 5500 - KS Nail Lacquer

◆ COMPANY IDENTIFICATION

COMPANY **Kiara Sky Professional Nails**

◆ EMERGENCY TELEPHONE NUMBER

ChemTel INC: 1(888)255-3924
Outside the US: +01-813-248-0585
Contract No: MIS2294037

2. COMPOSITION / INFORMATION ON INGREDIENTS

◆ CHEMICAL CHARACTERIZATION

Nitrocellulose with nitrogen content < 12.2 % and at a concentration < 20 % in a blend of solvents.

◆ HAZARDOUS COMPONENTS

INGREDIENT	HAZARD SYMBOL (CE) No 1272/2008	HAZARD SYMBOL 67/548/CEE ou 1999/45/CE	CONCENTRATION	REGISTRATION NUMBER
BUTYL ACETATE CAS : 123-86-4	FLAM. LIQ. 3 H226 ACUTE TOX. 3 H336	R10, R66, R67	28.0 - 38.0 %	01-2119485493-29-XXXX
ETHYL ACETATE CAS : 141-78-6	FLAM. LIQ. 2 H225 EYE IRRIT. 2 H319 ACUTE TOX. 3 H336	F R11 Xi R36, R66, R67	20.0 - 30.0 %	01-2119475103-46-XXXX
NITROCELLULOSE CAS : 9004-70-0	FLAM. LIQ. 1 H224	F R11	2.0 - 10.0 %	Polymer
ISOPROPYL ALCOHOL CAS : 67-63-0	FLAM. LIQ. 2 H225 EYE IRRIT. 2 H319 STOT SE 3 H336	F R11 Xi R67	1.0 - 3.0 %	01-2119457558-25-XXXX

COLORS MAY CONTAIN INCI LISTED PIGMENTS .01 TO 10

TIO₂ CAS- 12001-26-6
RED 7 CAS- 5281-04-9
RED 33 CAS- 3567-66-6
RED 34 CAS- 6417-83-0
OXIDE BLACK CAS- 12227-89-3
OXIDE BROWN CAS- 12227-89-3
OXIDE RED CAS 1309-37-1
OXIDE GREEN CAS 1308-38-9
ALK 1 BLUE CAS 15792-67-3
YELLOW 5 CAS- 12225-21-7
IRON BLUE CAS 25869-00-5
ULT. BLUE CAS- 57455-37-5
10 YELLOW CAS 68814-04-0
OXIDE YELLOW CAS- 51274-00-1
OXIDE RUSSET CAS 12227-89-3
BLACK 2 CAS- 1333-86-4
RED 6 BA LK CAS 17852-98-1

3. HAZARD IDENTIFICATION

◆ DESIGNATION OF HAZARD

FLAMMABLE

Vapors form from this product and may travel or be moved by air currents and ignited by pilot lights, other flames, sparks, heaters, electrical equipment, static discharges or other ignition sources at locations distant from product handling point.

This material may produce a floating fire hazard.

◆ **EFFECTS OF OVEREXPOSURE**

Cause eye irritation. Harmful if swallowed. May cause nose and throat irritation. Causes skin irritation. May effect the brain or nervous system, causing dizziness, headache or nausea. Harmful if inhaled.

◆ **OTHER EFFECTS OF OVEREXPOSURE MAY INCLUDE**

Narcosis, conjunctivitis, loss of coordination, vomiting, lacrimation, redness and swelling of eyes, difficulty with speech, reduced visibility, abdominal pain, swelling and redness of skin, fatigue, cough, dermatitis, drowsiness, unconsciousness.

◆ **PRIMARY ROUTE(S) OF ENTRY**

Inhalation, skin contact, eyes.

◆ **MEDICAL CONDITIONS THAT CAN BE AGGRAVATED**

NA.

◆ **CHRONIC HEALTH HAZARDS**

◆ **REPEATED OVEREXPOSURE TO THIS PRODUCT MAY CAUSE**

Lung damage, liver abnormalities, kidney damage, central nervous system damage, blood effects.

In accordance with 29CFR1910.1200, this product contains no ingredients listed by NTP, IARC or OSHA as carcinogenic.

◆ **NOTICE**

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents of this package may be harmful of fatal.

4. FIRST AID MEASURES

◆ **SKIN CONTACT**

Remove contaminated clothing and wash before reuse. Remove and destroy contaminated shoes. Flush with plenty of water.

◆ **INHALATION**

Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention.

◆ **INGESTION**

Get medical attention **IMMEDIATELY**.

◆ **EYE CONTACT**

Immediately wash the eyes with plenty of water for at least 10 mn holding the eye open. Obtain medical attention urgently.

5. FIRE - FIGHTING MEASURES

◆ **EXTINGUISHING MEDIA**

Foam, Carbon Dioxide or Dry Chemical.

◆ **UNUSUAL FIRE AND EXPLOSION HAZARDS**

During emergency conditions, overexposure to decomposition products may cause a health hazard; symptoms may not be immediately apparent.

Obtain medical attention.

SPECIAL FIREFIGHTING PROCEDURES

Water may be ineffective in fighting fire. If water is used to cool closed containers to prevent pressure build-up, fog nozzles are preferred. Full protective equipment, including self-contained breathing apparatus is needed to protect firefighters from exposure to coating's hazardous ingredients and hazardous decomposition products.

6. ACCIDENTAL RELEASE MEASURES

◆ **STEP TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Remove all sources of ignition. Wear appropriate safety equipment as listed in Section 8. Absorb on inert material and dispose of as below.

◆ **WASTE DISPOSAL METHODS**

Dispose in accordance with FEDERAL, STATE and local regulations. Incineration is the preferred method of disposal.

7. HANDLING AND STORAGE

◆ **PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**

Store in well-ventilated area. Keep containers closed when not in use. Store away from ignition sources. All equipment should be grounded. Avoid strong oxidizing agents, store in a clean, dry area.

◆ **OTHER PRECAUTIONS**

All precautions must be observed. Empty container may retain product residues (vapour or liquid).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

◆ **EXPOSURE LIMITS**

Hazardous Ingredients	Cas N°	Desc.	Value	Unit	Comment
BUTYL ACETATE <Acetic Acid, Butyl Ester>	123-86-4	PEL-TWA TLV-STEL PEL-STEL	150 200 200	ppm ppm ppm	15 minutes 15 minutes
NITROCELLULOSE <CUN COTTON>	9004-70-0	PEL-TWA	NA		
ETHYL ACETATE	141-78-6	PEL-TWA	400	ppm	
ISOPROPANOL	67-63-0	PEL-TWA	400	ppm	

<ISOPROPYL ALCOHOL>		TLV-STEL	500	ppm	15 minutes
<ISOPROPYL ALCOHOL>		PEL-STEL	500	ppm	15 minutes

PERSONAL PROTECTION

RESPIRATORY PROTECTION

Wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during application and handling unless air monitoring demonstrates vapor /mist levels below applicable limits. Follow respirator manufacturer's recommendations for selection and use.

VENTILATION

Sufficient ventilation must be provided to maintain airborne concentrations below TLV, PEL and LEL Limits as listed in Section 8.

PROTECTIVE GLOVES

Chemical resistant protective gloves should be worn when handling this product. Check with glove manufacturer to determine proper glove type.

EYE PROTECTION

Splash-proof chemical goggles should be worn.

OTHER PROTECTIVE EQUIPMENT

Impervious clothing and boots should be worn. Eye bath and safety shower should be provided.

HYGENIC PRACTICES

Good personal hygiene practices are required at all times when handling chemicals. These practices include, but are not limited to, washing when safety equipment is removed, at the end of each shift or when going on breaks and especially if contamination occurs.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM	: Viscous liquid	
COLOUR	: Depends of the reference	
ODOUR	: Esters	
BOILING POINT	: 77°C at 1013 hPa (Ethyl Acetate)	
BOILING RANGE	: 77 at 130°C	
SPECIFIC GRAVITY	: 0.980 - 1.020	
VAPOUR PRESSURE (mm Hg)	: 100 (27°C) (Ethyl Acetate)	
FLASH POINT	: < 21°C	
FLAMMABLE LIMITS (% v /v)	: <u>Upper</u>	<u>Lower</u>
Ethyl Acetate	11.0	2.2
Butyl Acetate	7.6	1.7
Isopropanol	12.0	1.8
pH	: Not applicable	
SOLUBILITY IN WATER	: Insoluble	
EVAPORATION RATE	: Slower than ether	

10. STABILITY AND REACTIVITY

Material is STABLE under non-emergency conditions.

Material WILL NOT undergo hazardous polymerization.

HAZARDOUS DECOMPOSITION PRODUCTS

Methane, oxides of nitrogen. Carboxylic acids, various hydrocarbons, oxides of carbon, aldehydes, hydrogen cyanide, acids.

CONDITIONS TO AVOID

Heat, sparks, open flame.

MATERIALS TO AVOID

Sodium hydroxide, nitric acid, oxidizers, acids, alkali, metal, amines.

11. TOXICOLOGICAL INFORMATION

INGREDIENT	LD50 (Oral, Rat)	LC50 (Inhal, Rat)	LC50 (Dermal, Rabbit)
ETHYL ACETATE	11300 mg/Kg	1600 ppm (8h)	
BUTYL ACETATE	14000 mg/Kg	2000 ppm	
ISOPROPYL ALCOHOL	5840 mg/Kg	16000 ppm (8h)	13000 mg/Kg

INGESTION

Important ingestion can cause nausea and a great narcosis with weakness, drowsiness and loss of consciousness.

INHALATION

Can cause irritation of the nose and the throat. At high concentration can cause narcosis.

CONTACT WITH THE SKIN

Prolonged contact can cause crack in skin.

CONTACT WITH THE EYES

Can cause irritation of the conjunctive. Can cause injury of the cornea.

12. ECOLOGICAL INFORMATION

No DATA

13. DISPOSAL CONSIDERATIONS

Incinerate in a furnace where permitted under national and local regulations.

14. TRANSPORT INFORMATION

ROAD TRANSPORT

Class : 3
Pack group : II
Label : 3
Kempfer number : 33
UN Number : 1263

MARITIME TRANSPORT

UN Number : 1263
Class : 3
Pack Group : II
Ems Number : 3-05
Flash point : -5°C

IATA

UN Number : 1263
Class : 3
Pack Group : II
Packing instr : 305 (Passenger)
307 (Cargo)

15. REGULATORY INFORMATION

Labeling according to EEC-Directives

SYMBOL : F, Xi
INDICATION OF DANGER : Highly Flammable, Irritant
RISK PHRASES : 11, 36, 66, 67
SAFETY PHRASES : 16, 26, 33

16. OTHER INFORMATION**DISCLAIMER**

While KIARA SKY believes that the data contained herein are accurate and derived from qualified sources, the data are not to be taken as a warranty or representation for which KIARA SKY assumes legal responsibility. They are offered solely for your consideration, investigation and verification. Any use of these data information must be determined by the user to be in accordance with applicable Federal, state and local laws regulations.

KIARA SKY requires all Customers who receive this Security Data Record to study it carefully in order to be informed of any dangers presented by the product. As far as security is concerned, the Customer should:

- ◇ Inform his employees, agents and sub-contractors of information contained in this form.
- ◇ Supply one copy of this form to each one of his own Customers for this product.
- ◇ Ask for these same Customers to inform in turn their own Employees and Customers.