

Nailchemy[®] SAFETY DATA SHEET

[According to Regulation (EC) No 1907/2006 of the European Parliament]

Section 1: Identification of the preparation and of the company

1.1. Identification of the substance or preparation

Product name Nail Polish - Various Colours
Product code NPOLISH

1.2. Use of substance/preparation

Nail Polish

1.3. Company/ undertaking identification

Manufacturer: Nailchemy Limited
40 Market Street, Bridgwater
Somerset TA6 3EP
Telephone: (+44) 1278 459066
Website: www.nailchemy.co.uk
e-mail: support@nailchemy.co.uk

1.4. Emergency telephone

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Section 2: Hazards Identification

Designation of hazard

Flammable

Vapours 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.

Health risks

Irritating to skin.
Harmful: may cause lung damage if swallowed.
Vapours may cause drowsiness and dizziness.

Environmental risks

No data available

Other effects of overexposure may include

No data available

Primary route(s) of entry.

Inhalation, skin contact, eyes.

Medical conditions that can be aggravated

N/A

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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 total.

Labelling

Code letter and symbols of danger



Xi Irritant



F Highly Flammable

GHS/CLP Classification



Section 3: Composition/ Information of ingredients

3.1. Substance

Not include

3.2. Composition

Chemical name	%	CAS no.	EINECS#	Danger symbols	GHS/CLP
Butyl Acetate	34,0-42,0%	123-86-4	204-658-1	Xi R11; R36; R66; R67	Flam. Liq. 2 H225f STOT SE 3 H319; STOT SE 3 H336; EUH066;
Ethyl Acetate	17,0-25,0%	141-78-6	205-500-4	Xi R11; R36; R66; R67	Flam. Liq. 2 H225f STOT SE 3 H319; STOT SE 3 H336; EUH066;
Nitrocellulose	11,0-15,0%	9004-70-0	N/E	E R3; F R11	Expl. 1.1 H201; Flam. Liq. 2 H225
Isopropyl Alcohol	5.0-6,0%	67-63-0	200-661-7	F R:11, Xi R:36, R:67	Eye Irrit. 2 H319, Flam. Liq. 2 H225, STOT SE 3 H336

Full text of R-phrases is provided in section 16.

Section 4: First aid measures

First aid for skin:

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

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First aid for eye:

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

First aid for ingestion:

Get medical attention immediately.

First aid for inhalation:

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

Section 5: Fire-fighting Measures

Extinguishing media:

Use carbon dioxide or dry chemical for small fires; aqueous foam or water for large fires.

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 fire-fighters from exposure to coating's hazardous ingredients and hazardous decomposition products.

Section 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.

Section 7: Handling and storage

7.1. Handling

Avoid contact with skin and eyes. Avoid breathing vapor. Keep container closed when not in use. Avoid prolonged exposure to light. Remove all contaminated clothing, shoes, belts and other leather goods immediately. Incinerate leather goods (including shoes). Wash contaminated clothing thoroughly before reuse. Wash skin thoroughly with soap and water after handling. Solvents should not be used to clean skin because of increased penetration potential.

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7.2. Storage

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

7.3. Specific use(s)

Nail polish.

Section 8: Exposure controls/ personal protection**8.1. Exposure limit values**

HAZARDOUS INGREDIENTS	Cas N	Desc.	Value	Unit	Comment
BUTYL ACETATE <Acetic Acid, Butyl Ester>	123-86-4	PEL-TWA	150	ppm	
		TLV-STEL	200	ppm	15minutes
		PEL-STEL	200	ppm	15minutes
NITROCELLULOSE <CUN COTTON>	9004-70-0	PEL-TWA	NA		
ETHYL ACETATE	141-78-6	PEL-TWA	400	ppm	
ISOPROPANOL <ISOPROPYL ALCOHOL> <ISOPROPYL ALCOHOL>	67-63-0	PEL-TWA	400	ppm	
		TLV-STEL	500	ppm	15minutes
		PEL-STEL	500	ppm	15minutes

8.2. Exposure controls

To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132), or European Standard EN166 be conducted before using this product .

8.2.1. Occupational exposure controls**Respiratory protection**

Wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during application and handling unless air monitoring demonstrates vapour/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.

Hygienic 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.

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8.2.2. Environmental exposure controls

Do not allow to enter large amounts of ground water, sewage, waste or soil.

Section 9: Physical and chemical properties**9.1. General Information**

Appearance liquid
Odor & Odor Threshold esters
Color Colorless

9.2. Important health, safety and environmental information

Boiling point 77°C at 1013 hPa (Ethyl Acetate)
Boiling range 77-130 °C
Specific gravity 0,980-0,1020
Vapour pressure 100 mmHg (27 °C) (Ethyl Acetate)
Flammable limits (% v/v)
Ethyl acetate Upper Lower
11,0 2,2
Butyl acetate 7,6 1,7
Isopropanol 12,0 1,8
Flash point <21 °C
pH Not applicable
Solubility in water insoluble
Evaporation rate slower than ether

9.2. Other information

No data available.

Section 10: Stability and reactivity**10.1. Conditions to Avoid:**

Heat, sparks, open flame.

10.2. Materials to Avoid:

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

10.3. Hazardous Decomposition Products:

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

Section 11: Toxicological information

INGREDIENTS	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

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Ingestion

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

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.

Section 12: Ecological Information

12.1. Ecotoxicity

No data available.

12.2. Mobility

No data available.

12.3. Persistence and degradability

No data available.

12.4. Bioaccumulative potential

No data available.

12.5. Results of PBT assessment

No data available.

12.6. Other adverse effects

No data available.

Section 13: Disposal considerations

Incinerate in a furnace where permitted under national and local regulations. Any reject of this product in the sewer or stream must be avoided.

Section 14: Transport information

Road transport

Technical name:	Paint (Source of danger: Ethyl Acetate, Butyl Acetate, Nitrocellulose, Isopropyl Alcohol)
ADR Class	3
ADR Pack group	II
Danger Label	3
Kemler No	33
UN No	1263

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Marine transport

Technical name: Paint (Source of danger: Ethyl Acetate, Butyl Acetate, Nitrocellulose, Isopropyl Alcohol)
 UN No 1263
 IMDG Class 3
 Pack group II
 Ems No F-E, S-E
 Flash point -5°C

IATA

Technical name: Paint (Source of danger: Ethyl Acetate, Butyl Acetate, Nitrocellulose, Isopropyl Alcohol)
 UN No 1263
 Danger Label 3
 IATA Class 3
 Pack group II
 Packing instr 355 (passenger); 366 (Cargo)

Section 15: Regulatory information

Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAP and ODS's), as defined by the U. S. Clean Air Act: <ul style="list-style-type: none"> • Benzophenone, CAS# 119-61-9 (SOCMI)
Clean Water Act: Priority Pollutant	This product contains no chemicals listed under the U. S. Clean Water Act Priority Pollutant List.
FDA: Food Packaging Status	This product has not been cleared by the FDA for use in food packaging and / or other applications as an indirect food additive.
Occupational Safety and Health Act	This product is considered to be a hazardous chemical under the OSHA Hazard Communication Standard. Its hazards are: <ul style="list-style-type: none"> • Immediate (acute) health hazard • Delayed (chronic) health hazard • Reactive hazard
RCRA	This product is not considered to be a hazardous waste under RCRA (40 CFR 261).
SARA Title III: Section 302 (TPQ)	This product contains no chemicals regulated under Sec. 302 as extremely hazardous substances.
SARA Title III: Section 302 (RQ)	This product contains no chemicals regulated under Section 304 as extremely hazardous chemical for emergency release notification (" CERCLA" List)
SARA Title III: Section 311-312:	This product is considered 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 • Delayed (chronic) health hazard • Reactive hazard
SARA Title III: Section 313:	This product contains no chemicals 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.
TSCA Section 8(b): Inventory: TSCA Significant New Use Rule:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements. None of the chemicals listed have a SNUR under TSCA..

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International Regulations:

CDSL: Canadian Inventory (on Canadian Transitional List)	Titanium dioxide CAS # 13463-67-7 is on the DSL list. WHMIS = n/da Hydroxycyclohexyl phenyl ketone CAS #947-19-3 is on the DSL list. WHMIS = n/da; Benzophenone, CAS #119-61-9 is on the DSL list. WHMIS = n/da; Ethylene glycol dimethacrylate CAS #97-90-5 is on the DSL list. WHMIS = D2B.
EINECS: European Inventory:	<p style="text-align: center;">Colored Nail Polish:</p> <ul style="list-style-type: none"> • HAZARD SYMBOLS: Xi: Irritant • RISK PHRASES: R11: Highly Flammable, R36: Irritating to the eyes, R66: Repeated exposure may cause skin dryness or cracking, R67: Vapors may cause drowsiness and dizziness. • SAFETY PHRASES: S16: Keep away from sources of ignition - No smoking, S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice, S33: Take precautionary measures against static discharges.

Section 16: Other information

Symbol	F, Xi
Indication of danger	Highly Flammable, Irritant
Risk phrases	
R11	Highly Flammable
R36	Irritating to the eyes
R66	Repeated exposure may cause skin dryness or cracking
R67	Vapors may cause drowsiness and dizziness
Safety phrases	
S16	Keep away from sources of ignition - No smoking
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S33	Take precautionary measures against static discharges
Full range of H-Phrases from Section 3.	
H225	Highly flammable liquid and vapour
H319	Causes serious eye irritation
EUH066	Repeated exposure may cause skin dryness or cracking
H336	May cause drowsiness or dizziness
Precautionary statements:	
P210	Keep away from heat/sparks/open flames/hot surfaces. — No smoking
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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May contain		
COLOR NAME	INCI	CAS no.
VIOLET 2	CI 60725	81-48-1
FERRIC AMMONIUM FERROCYANIDE	CI 77510	25869-00-5
YELLOW 11	CI 47000	8003-22-3
BARIUM SULPHATE	CI 77120	7727-43-7
TITANIUM DIOXIDE	CI 77891	13463-67-7
BLUE 1	CI 42090	3844-45-9
YELLOW 5	CI 1940	1934-21-0/12225-21-7
RED 33	CI 17200	3567-66-6
RED 4	CI 14700	4548-53-2
RED IRON OXIDE	CI 77491	1309-37-1
RED 6	CI 15850	5858-81-1
BLACK IRON OXIDE	CI 77499	1317-61-9
-----	CI 74160	147-14-8
RED 34	CI 15880	6417-83-0
ALUMINUM POWDER	CI 77000	7429-90-5
RED 7	CI 15850	5281-04-9
BISMUTH OXYCHLORIDE	CI 77163	7787-59-9
MANGANESE VIOLET	CI 77742	10101-66-3
BLACK 2	CI 77266	1333-86-4/7440-44-0
-----	CI 11680	2512-29-0

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- 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.

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