

Nailchemy[®] SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) and 2015/830]

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: STAMPING POLISH - Various Colours

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Nail polish.

Uses advised against: Not determined.

1.3. Details of the supplier of the safety data sheet

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

1.4. Emergency telephone number

112

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation 1272/2008/EC (CLP):

Flam Liq. 2	H225	Highly flammable liquid and vapour
Eye Irrit. 2	H319	Causes serious eye irritation
STOT SE 3	H336	May cause drowsiness or dizziness

2.2. Label elements



Signal word: Warning

Hazard statements:

Flam Liq. 2	H225	Highly flammable liquid and vapour
Eye Irrit. 2	H319	Causes serious eye irritation
STOT SE 3	H336	May cause drowsiness or dizziness

Precautionary statements:

P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P243	Take precautionary measures against static discharge.

SAFETY DATA SHEET

Product Name: STAMPING POLISH	Issue date: 15.01.2020
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P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

2.3. Other hazards

Substances in mixture do not meet criteria for PBT or vPvB in accordance with Annex XIII of Regulation REACH.

Section 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	Concentration range [%]	CAS No	EC No	Classification acc. to 1272/2008/EC
Butyl Acetate	15.0-40.0	123-86-4	204-658-1	Flam. Liq. 2 H225f STOT SE 3 H319; STOT SE 3 H336; EUH066;
Ethyl Acetate	10.0-20.0	141-78-6	205-500-4	Flam. Liq. 2 H225f STOT SE 3 H319; STOT SE 3 H336; EUH066;
Nitrocellulose	4.0-8.0	9004-70-0	N/E	Expl. 1.1 H201; Flam. Liq. 2 H225
Isopropyl Alcohol	1.0-6.0	67-63-0	200-661-7	Eye Irrit. 2 H319, Flam. Liq. 2 H225, STOT SE 3 H336

Full text of H-phrases is presented in section 16.

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact:

Remove contaminated clothing immediately and wash skin with soap and water. If irritation or rash occurs, get medical attention promptly.

Eye contact:

Rinse with plenty of water for at least 15 minutes and get medical attention.

Ingestion:

Do not induce vomiting. If person is conscious, rinse mouth with water. If you feel unwell, get medical attention.

Inhalation:

Move to fresh air and take a rest / remove victim to fresh air and keep at rest. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact:

May cause skin irritation. May cause an allergic skin reaction. The following symptoms may occur: irritation, redness, rash.

Eye contact:

May cause eye irritation. The following symptoms may occur: irritation, redness, watering.

Ingestion:

The following symptoms may occur: soreness and redness of the mouth and throat.

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Inhalation:

No specific symptoms are known.

4.3. Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Symptomatic treatment.

Section 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water spray, foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media:

Water jet – risk of spreading the fire.

5.2. Special hazards arising from the substance or mixture

During the combustion, harmful gases and vapours containing carbon oxides may be formed. Avoid breathing combustion products, because they can be hazardous to health.

During the fire, a fast and uncontrolled reaction of polymerization may take place, as a result of which an explosion may occur, as well as rapid cracking of storage tanks.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and appropriate protective clothing. Cool containers with water spray. Do not allow extinguishing water to enter drains, surface water and ground water.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid skin and eye contamination. Wear suitable protective equipment. Avoid breathing vapours. Ensure adequate ventilation. Eliminate all ignition sources.

6.2. Environmental precautions

Do not allow product to enter drains, surface water, ground water and soil.

6.3. Methods and material for containment and cleaning up

Absorb with sand, diatomaceous earth or vermiculite. Collected material transfer to tightly closed and appropriate labelled containers for disposal. Clean contaminated area with water.

6.4. Reference to other sections

Personal protection – see Section 8.

Waste disposal – see Section 13.

Section 7: Handling and storage

7.1. Precautions for safe handling

Avoid skin and eye contamination. Do not eat, drink or smoke when using this product. Avoid breathing vapours. Product is sensitive to UV radiation – avoid exposure to sunlight. Keep container closed when not in use. Remove contaminated clothing immediately. Wash contaminated clothing before reuse. Wash skin thoroughly with soap and water after handling.

SAFETY DATA SHEET

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7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks, open flames, hot surfaces. Protect from light. Store at temperatures between 5°C and 40°C. Avoid temperatures above 60°C.

7.3. Specific end use(s)

Apart from the uses mentioned in subsection 1.2 no other specific uses are stipulated.

Section 8: Exposure controls/personal protection

8.1. Control parameters

The product does not contain any components which are subject to control exposure in the workplace.

Legal basis: Commission Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU.

DNEL for components:

Chemical Identity/ CAS	NDS [mg/m ³]	NDSch [mg/m ³]	NDSP	DSB
Butyl Acetate 123-86-4	200	950	-	-
Etyl Acetate 141-78-6	200	950	-	-
Isopropyl Alcohol 67-63-0	900	1200	-	-

8.2. Exposure controls

Appropriate engineering controls:

Provide adequate general and local exhaust ventilation.

Hand and body protection:

Wear appropriate protective gloves.

Recommended material: nitrile rubber.

Not recommended material: natural rubber (latex).

Wear protective clothing with long sleeves.

Considering parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. Gloves should be inspected prior to use. Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.

Eye/face protection:

Wear tight-fitting, chemical splash goggles or face shield.

Respiratory protection:

If ventilation is inadequate, suitable respiratory protection must be worn. Wear a full facepiece respirator fitted with the following cartridge: organic vapour filter, high-efficiency particulate filter.

Environmental exposure controls:

Do not allow large amounts of product to enter drains, surface water, ground water and soil.

SAFETY DATA SHEET

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Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	Colored viscous liquid												
Odour:	Characteristic												
Odour threshold:	Not determined												
pH:	Not determined												
Melting point/freezing point:	-84°C (Ethyl Acetate)												
Initial boiling point and boiling range:	77°C at 1013 hPa (Ethyl Acetate)												
Flash point:	-5°C												
Evaporation rate:	Slower than ether												
Upper/lower flammability or explosive limits:	<table><thead><tr><th></th><th><u>Upper</u></th><th><u>Lower</u></th></tr></thead><tbody><tr><td>Ethyl Acetate</td><td>11.0</td><td>2.2</td></tr><tr><td>Buthyl Acetate</td><td>7.6</td><td>1.7</td></tr><tr><td>Isopropanol</td><td>12.0</td><td>1.8</td></tr></tbody></table>		<u>Upper</u>	<u>Lower</u>	Ethyl Acetate	11.0	2.2	Buthyl Acetate	7.6	1.7	Isopropanol	12.0	1.8
	<u>Upper</u>	<u>Lower</u>											
Ethyl Acetate	11.0	2.2											
Buthyl Acetate	7.6	1.7											
Isopropanol	12.0	1.8											
Vapor pressure:	100 (20°C) (Ethyl Acetate)												
Vapor density:	3.04 (Ethyl Acetate)												
Solubility:	Insoluble in water												
Octanol/water partitioning coefficient:	Log Kow=0.60 (Ethyl Acetate)												
Auto-ignition temperature:	460°C												
Decomposition temperature:	Not determined												
Viscosity:	900 to 1300 mPas												

9.2. Other information

No additional test results.

Section 10: Stability and reactivity

10.1. Reactivity

See subsections 10.2. – 10.6.

10.2. Chemical stability

The product is stable under recommended conditions of storage and use.

10.3. Possibility of hazardous reactions

Not know

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

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

10.6. Hazardous decomposition products

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

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Section 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity of components:

Ingredient	LD50 (Oral, Rat)	LC50 (Inhal, Rat)	LC50 (Dermal, Rabbit)
Butyl acetate	14000 mg/kg	2000 ppm	-
Ethyl acetate	11300 mg/kg	1600 ppm (8h)	-
Isopropyl alcohol	5840 mg/kg	16000 ppm (8h)	13000 mg/kg

Acute toxicity of mixture:

Based on available data, the classification criteria are not met.

Skin corrosion/irritation:

Causes skin irritation.

Serious eye damage/irritation:

Causes eye irritation.

Respiratory or skin sensitisation:

May cause an allergic skin reaction.

Germ cell mutagenicity:

Based on available data, the classification criteria are not met.

Carcinogenicity:

Based on available data, the classification criteria are not met.

Reproductive toxicity:

Based on available data, the classification criteria are not met.

STOT – single exposure:

Based on available data, the classification criteria are not met.

STOT – repeated exposure:

Based on available data, the classification criteria are not met.

Aspiration hazard:

Based on available data, the classification criteria are not met.

Section 12: Ecological information

12.1. Toxicity

Any reject of product in the sewer stream must be avoided
Water hazard class WGK1: Slightly hazardous for water

12.2. Persistence and degradability

No data.

12.3. Bioaccumulative potential

No data.

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12.4. Mobility in soil

No data

12.5. Results of PBT and vPvB assessment

Not applicable.

12.6. Other adverse effects

Unknown.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods for the product:

Handle in the same way as hazardous waste. Disposal in accordance with the local legislation. Do not remove residues from the original container. Do not empty into drains. Do not mix with other waste.

Disposal methods for used packaging:

Eliminate empty containers in accordance with the local legislation. Handle contaminated packages in the same way as the substance itself.

Legal basis: Directive 2008/98/EC, Directive 94/62/EC

Section 14: Transport information

14.1. UN number

UN 1266

14.2. UN proper shipping name

PERFUMERY PRODUCTS (Source of danger: Ethyl acetate, Butyl acetate, Nitrocellulose, Isopropyl alcohol)

14.3. Transport hazard class(es)

3

14.4. Packing group

II

14.5. Environmental hazards

Slightly hazardous for water.

14.6. Special precautions for user

Maritime transport Not viscous product as per IMDG code 2.3.2.5; Limited Quantity: 5l/30kg (gross)
Certified packaging: Internal packaging: metal, glass, plastic; External packaging: Carton 4G
IATA packing instruction: 353 (passenger) – max quantity 5l; 364 (cargo) – max quantity 60l

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Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

1. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC
2. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
3. Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
4. Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work
5. Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC
6. Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC
7. Commission Directive (EU) 2017/164 of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU
8. European Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR)
9. Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives
10. European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste

15.2. Chemical safety assessment

It is not necessary to carry out a chemical safety assessment for the mixture.

Section 16: Other information

Full text of indicated H phrases mentioned in section 3:

Flam. Liq. 2	H225	Highly flammable liquid and vapour.
Flam. Liq. 3	H226	Flammable liquid and vapour.
Flam. Sol. 1	H228	Flammable solid.
Eye Irrit. 2	H319	Causes serious eye irritation.
STOT SE 3	H336	May cause drowsiness or dizziness
	EUH066	Repeated exposure may cause skin dryness or cracking.

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Clarification of aberrations and acronyms:

Aquatic Chronic 2	Hazardous to the aquatic environment, chronic hazard, category 2.
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic hazard, category 3.
Aquatic Chronic 4	Hazardous to the aquatic environment, chronic hazard, category 4.
Acute Tox. 4	Acute toxicity, category 4.
Eye Dam. 1	Serious eye damage, category 1.
Eye Irrit. 2	Eye irritation, category 2.
Repr. 2	Reproductive toxicity, category 2.
Skin Irrit. 2	Skin irritation, category 2.
Skin Sens. 1	Skin sensitisation, category 1.
STOT SE 3	Specific target organ toxicity – single exposure, category 3, respiratory tract irritation.
CLP	Classification, Labelling and Packaging
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
CAS Number	Chemical Abstracts Service number
EC Number	European Chemical number: EINECS, ELINCS or NLP
EINECS	European Inventory of Existing Chemical Substances
ELINCS	European List of Notified Chemical Substances
NLP	No-longer polymers
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance
DNEL	Derived No-Effect Level
PNEC	Predicted No-Effect Concentration
LD _x	Dose at which death of x % of test animals is observed
LC _x	Concentration at which death of x % of test animals is observed
EC _x	Concentration which may cause specific effects in x % of test animals
EbCx	Concentration which may cause reduction in biomass growth in x % of test algae
ErCx	Concentration which may cause reduction in growth rate in x % of test algae
IC _x	Concentration which causes x % inhibition of a particular parameter in test animals
NOEC	No Observed Effect Concentration
BCF	Bioconcentration factor
Log Pow	Logarithm of the octanol/water partition coefficient
Log Koc	Logarithm of the organic carbon/water partition coefficient
ADR	The European Agreement concerning the International Carriage of Dangerous Goods by Road
RID	Regulations Concerning the International Transport of Dangerous Goods by Rail
IMDG	International Maritime Dangerous Goods Code
IATA	International Air Transport Association

Key literature references and data sources:

SDS from the different suppliers of the components.

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008:

Calculation method.

Revision:

Section 1–16: general revision of SDS.

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Trainings:

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Disclaimer:

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- 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.

This SDS annuls and replaces all previous versions.

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