

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 Matte Top Coat
Product code MATTETC

1.2. Use of substance/preparation

Finishing Matte top coat.

1.3. Company/ undertaking identification

Manufacturer: Nailchemy Limited
Unit E, Thistle Park,
Crossways Road, Bridgwater,
Somerset UK TA6 6LS
Telephone: (+44) 1278 459066
Website: www.nailchemy.co.uk
e-mail: support@nailchemy.co.uk

1.4. Emergency telephone

112 (emergency number)

Section 2: Hazards Identification

2.1. Classification of the substances or composition

Classification according to WE/1272/2008 (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

GHS/CLP Classification



Signal word: Danger

Hazard statements:

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

Precautionary statements:

P210	Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P243	Take precautionary measures against static discharge.
P305+P351+P313	IF IN EYES: Rinse cautiously with water for several minutes. Get medical advice/attention.

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Product Name: MATTE TOP COAT

Product code: MATTETC

Version: 4.2.16/EN

Former Date: 25.06.2013

Manufacturer: Nailchemy® Limited

Address: 40 Market Street, Bridgwater, Somerset. TA6 3EP

Telephone:

(+44) 1278 459066

Primary Route(S) of entry:

Inhalation, skin contact, eyes.

Medical conditions that can be aggravated:

No information available.

Chronic health hazards:

Repeated Overexposure to this product may cause:

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

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 or fatal.

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

No further relevant information available

Section 5: Fire-fighting Measures

5.1. Extinguishing media:

Foam, carbon dioxide or dry chemical

5.2. Special hazards arising from the substance or mixture:

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 coatings hazardous ingredients and hazardous decomposition products.

5.3. Advice for fire-fighters:

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

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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

6.2. Environmental precautions

Prevent further leakage or spillage. Do not discharge into the drains/ surface waters/ groundwater.

6.3. Methods and material for containment and cleaning up

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

6.4. Reference to other sections

Disposal of the product - Section 13

Personal protection – Section 8

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Section 7: Handling and storage

7.1. Precautions for safe handling

When using, do not eat, drink or smoke. Take off contaminated clothing immediately. Wash hands before breaks and immediately after handling the product. Provide sufficient air exchange and/ or exhaust in work rooms.

7.2. Conditions for safe storage, including any incompatibilities

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

7.3. Specific end use(s)

No data.

Section 8: Exposure controls/ personal protection

8.1. Control parameters

Chemical Identity/ CAS	NDS [mg/m³]	NDSch [mg/m³]	NDSP	DSB
Ethyl Acetate 141-78-6	200	950	-	-
Butyl Acetate 123-86-4	200	950	-	-
Isopropyl Alcohol 67-63-0	900	1200	-	-

8.2. Exposure controls

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 when going on breaks and especially if contamination occurs

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 manufacturers recommendations for selection and use.

Hand protection

Chemical resistant protective gloves (such as Neoprene or Butyle Rubber) 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.

Ventilation

Sufficient ventilation must be provided to maintain airborne concentrations below Limits as listed in Section 8.

Other protective equipment

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

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8.2.2. Environmental exposure controls

Any reject of product in the sewer stream must be avoided

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Viscous liquid
Colour	Colourless
Odor & Odor Threshold	Fruity (Esters)
Olfactive Threshold	50 ppm (Ethyl Acetate)
Melting Point	-84°C (Ethyl Acetate)
Boiling Point	77°C at 1013 hPa (Ethyl Acetate)
Boiling Range	77 to 130°C
Specific Gravity	0.990-1.020
Vapor Pressure (hPa)	100 (20°C) (Ethyl Acetate)
Vapor Density (Relative: Air=1)	3.04 (Ethyl Acetate)
Flash Point	-5°C
Auto-ignition Temperature	460°C
Flammable Limit(%v/v)	<u>Upper</u> <u>Lower</u>
Ethyl Acetate	11.0 2.2
Buthyl Acetate	7.6 1.7
Isopropanol	12.0 1.8
PH	Not applicable
Solubility In Water (20°C)	Insoluble
Water/ Octanol Distribution Coeff	Log Kow=0.60 (Ethyl Acetate)
Evaporation Rate	Slower than ether
Viscosity (Brookfield)	400 to 800 mPas

9.2. Other information

No data.

Section 10: Stability and reactivity

10.1. Reactivity:

Material is stable under non-emergency conditions.

10.2. Chemical stability:

Material will not undergo hazardous polymerization.

10.3. Possibility of hazardous reactions:

Not known.

10.4. Conditions to avoid:

Heat, sparks, open flame.

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:

Ingredient	LD50 (Oral, Rat)	LC50 (Inhal, Rat)	LC (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

Skin contact:

Prolonged contact can cause crack in skin.

Eye contact:

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

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.

Sensitization

N/DA

Mutagenicity

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

Sub-chronic Toxicity

N/DA

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.

12.4. Mobility in soil

No data.

12.5. Results of PBT assessment

No data.

12.6. Other adverse effects

Not tested.

Section 13: Disposal considerations

13.1. Waste treatment methods

Incinerate in a furnace where permitted under national and local regulations

