

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

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+P338	IF IN EYES: Rinse cautiously with water for several minutes. Get medical advice/attention.

SAFETY DATA SHEET

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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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

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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

Limited Quantity: 5l/30kg (gross)

Certified packaging: Internal packaging: metal, glass, plastic; External packaging: Carton 4G

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: This product does not contain any ODS's (Ozone Depleting Substances).
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 the following chemicals regulated under Section 302 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 following 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:

EINECS: European Inventory:	<p style="text-align: center;">The matting product:</p> Hazard statements: H225 <i>Highly flammable liquid and vapour</i> , H319 <i>Causes serious eye irritation</i> ; H336 <i>May cause drowsiness or dizziness</i> Precautionary statements: P210 <i>Keep away from heat/sparks/open flames/hot surfaces. – No smoking</i> ; P243 <i>Take precautionary measures against static discharge</i> ; P305+P351+P313 <i>IF IN EYES: Rinse cautiously with water for several minutes. Get medical advice/attention.</i>
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Section 16: Other information

Full range of H-Phrases from Section 2 and 3.

Flam. Liq. 1	H224	Extremely flammable liquid and vapour
Flam. Liq. 2	H225	Highly flammable liquid and vapour
Flam. Liq. 3	H226	Flammable liquid and vapour
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.

P-Phrases

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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