



Safety data sheet according to 1907/2006/EC, Article 31

Printing date 09.04.2021 V- 3.0 Revision: 08.04.2021

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

1.1	Product	identifier

<i>Trade name: 1.2 Relevant identified uses of the substance or mixture and</i>	<u>5:1 FILLER THN HARDENER</u>
uses advised against	Identified uses: professional use. Uses advised against: do-it-yourself
Application of the substance / the mixture	Hardening agent/ Curing agent
1.3 Details of the supplier of the Manufacturer/Supplier:	safety data sheet ETALON is a brand of Alexport Company. Pontou 26, P.C. 546 28, Thessaloniki, Greece, Tel: +30 2310 501814, Fax: +30 2310 524 771 info@alexport.gr, www.alexport.gr www.etalon-refinish.com
Further information obtainable from: 1.4 Emergency telephone number:	122 or call your local doctor/poison center

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008

Flam. Liq. 3 H226

Flammable liquid and vapour.

_ _ _ _ _ _ _ _ _ _ _ _



May cause allergy or asthma symptoms or breathing difficulties if inhaled.



Resp. Sens. 1 H334

Acute Tox. 4 H332 Harmful if inhaled. Eye Irrit. 2 H319 Causes serious eye irritation. Skin Sens. 1 H317 May cause an allergic skin reaction. STOT SE 3 H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness. _ _

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



Page 2/15

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 09.04.2021

V- 3.0

Revision: 08.04.2021

Trade name: 5:1 FILLER THN HARDENER

	(Contd. of page 1)
Signal word	Danger
Hazard-determining componen of labelling:	<i>ts</i> hexamethylene diisocyanate homopolymer n-butyl acetate toluene-diisocyanate aromatic polyisocyanate tosyl isocyanate
Hazard statements	 H226 Flammable liquid and vapour. H332 Harmful if inhaled. H319 Causes serious eye irritation. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317 May cause an allergic skin reaction. H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.
Precautionary statements	 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P261 Avoid breathing mist/vapours/spray. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. P284 In case of inadequate ventilation wear respiratory protection. P501 Dispose of contents/container in accordance with local/regional/national/ international regulations.
Additional information:	EUH066 Repeated exposure may cause skin dryness or cracking. Contains isocyanates. May produce an allergic reaction. As from 24 August 2023 adequate training is required before industrial or professional use.
2.3 Other hazards Results of PBT and vPvB asse	ssment
PBT: vPvB:	Not applicable. Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures Description:	Mixture of substances listed below with nonhazardous additions.	
Dangerous components:		
CAS: 123-86-4 EINECS: 204-658-1 Reg.nr.: 01-2119485493-25	n-butyl acetate � Flam. Liq. 3, H226; � STOT SE 3, H336, EUH066 9	25-50%
CAS: 28182-81-2 NLP: 500-060-2 Reg.nr.: 01-2119485796-17	hexamethylene diisocyanate homopolymer Acute Tox. 4, H332; Skin Sens. 1, H317; STOT SE 3, H335 	10-25%
CAS: 53317-61-6 NLP: 500-120-8	aromatic polyisocyanate	10-25%
CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29	2-methoxy-1-methylethyl acetate 🚸 Flam. Liq. 3, H226; 🚸 STOT SE 3, H336	5-15%
1.09.11.1 01 2110+10191-20	·	(Contd. on page 3)

Page 3/15

Safety data sheet according to 1907/2006/EC, Article 31

inting date 09.04.2021	V- 3.0 Rev	ision: 08.04.202
ade name: 5:1 FILLER TH	IN HARDENER	
		(Contd. of page
	Reaction mass of ethylbenzene and xylene Flam. Liq. 3, H226; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox 40 H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H 34 Aquatic Chronic 3, H412	1-5% (. 4, 335;
CAS: 4083-64-1 EINECS: 223-810-8 Reg.nr.: 01-2119980050-	tosyl isocyanate	0.1-<0.5 H335,
CAS: 26471-62-5 EINECS: 247-722-4 Reg.nr.: 01-2119454791-	toluene-diisocyanate	0.1-<0.5 2, nic 3,
Additional information:	For the wording of the listed hazard phrases refer to section 16.	
SECTION 4: First aid	measures	
4.1 Description of first a General information:	nid measures Symptoms of poisoning may even occur after several hours; therefore in observation for at least 48 hours after the accident. Immediately remove any clothing soiled by the product. In case of irregular breathing or respiratory arrest provide artificial resp. Take affected persons out of danger area and lay down.	
After inhalation:	Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for trar	nsportation.
After skin contact:	Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.	
After eye contact: Rinse opened eye for several minutes under running water. If symptoms per a doctor.		s persist, consi
After swallowing:		
4.2 Most important sym and effects, both acute delayed 4.3 Indication of any imi	No further relevant information available.	

SECTION 5: Firefighting measures

5.1 Extinguishing media Suitable extinguishing agents:	CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
For safety reasons unsuitable extinguishing agents: 5.2 Special hazards arising from	Water with full jet
the substance or mixture	Can form explosive gas-air mixtures. Formation of toxic gases is possible during heating or in case of fire. Hydrogen cyanide (HCN)

(Contd. on page 4)

Page 4/15

Safety data sheet according to 1907/2006/EC, Article 31

V- 3.0 Printing date 09.04.2021 Revision: 08.04.2021 Trade name: 5:1 FILLER THN HARDENER (Contd. of page 3) Isocyanate vapors. Carbon monoxide and carbon dioxide 5.3 Advice for firefighters Protective equipment: Wear self-contained respiratory protective device. Do not inhale explosion gases or combustion gases. Additional information Cool endangered receptacles with water spray. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and	
emergency procedures	Wear protective equipment. Keep unprotected persons away.
	Ensure adequate ventilation
	Keep away from ignition sources.
	Avoid contact with the eyes and skin.
6.2 Environmental precautions:	Do not allow to enter sewers/ surface or ground water.
6.3 Methods and material for	
containment and cleaning up:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
	Do not flush with water or aqueous cleansing agents.
	Dispose of the material collected according to regulations.
6.4 Reference to other sections	See Section 7 for information on safe handling.
	See Section 8 for information on personal protection equipment.
	See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe	
handling	Ensure good ventilation/exhaustion at the workplace.
-	Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).
	Do not inhale gases / fumes / aerosols.
	Avoid contact with the eyes and skin.
	Do not eat, drink, smoke or sniff while working.
	Do not allow to enter sewers/ surface or ground water.
Information about fire - and	
explosion protection:	Keep ignition sources away - Do not smoke.
	Fumes can combine with air to form an explosive mixture.
7.2 Conditions for safe storage,	including any incompatibilities
Storage:	
Requirements to be met by	
storerooms and receptacles:	Store only in the original receptacle.
Information about storage in on	e
common storage facility:	Store away from foodstuffs.
	Store away from oxidising agents.
Further information about	
storage conditions:	Store in cool, dry conditions in well sealed receptacles.
-	Store receptacle in a well ventilated area.
7.3 Specific end use(s)	No further relevant information available.
,	(Contd. on page 5)

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 09.04.2021

V- 3.0

Revision: 08.04.2021

Trade name: 5:1 FILLER THN HARDENER

(Contd. of page 4)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

123-86-4 n-butyl acetate

WEL (Great Britain,	Short-term value: 966 mg/m³, 200 ppm
	Long-term value: 724 mg/m³, 150 ppm
IOELV (EU)	Short-term value: 723 mg/m³, 150 ppm
	Long-term value: 241 mg/m³, 50 ppm

108-65-6 2-methoxy-1-methylethyl acetate

 WEL (Great Britain) Short-term value: 548 mg/m³, 100 ppm Long-term value: 274 mg/m³, 50 ppm Sk
 IOELV (EU) Short-term value: 550 mg/m³, 100 ppm Long-term value: 275 mg/m³, 50 ppm Skin

1330-20-7 Reaction mass of ethylbenzene and xylene

 WEL (Great Britain) Short-term value: 441 mg/m³, 100 ppm Long-term value: 220 mg/m³, 50 ppm Sk; BMGV
 IOELV (EU) Short-term value: 442 mg/m³, 100 ppm Long-term value: 221 mg/m³, 50 ppm

4083-64-1 tosyl isocyanate

WEL (Great Britain) Short-term value: 0.07 mg/m³ Long-term value: 0.02 mg/m³ Sen; as -NCO

Skin

26471-62-5 toluene-diisocyanate

WEL (Great Britain) Short-term value: 0.07 mg/m³ Long-term value: 0.02 mg/m³ Sen; as -NCO Regulatory information WEL (Great Britain): EH40/2020 IOELV (EU): (EU) 2019/1831

DNELs

123-86-4 n-butyl acetate

Dermal DNEL 7 mg/kg bw/day (long-term - systemic effects, workers) Inhalative DNEL 960 mg/m3 (acute - systemic effects, workers) 960 mg/m3 (acute - local effects, workers) 480 mg/m3 (long-term - systemic effects, workers) 480 mg/m3 (long-term - local effects, workers)

28182-81-2 hexamethylene diisocyanate homopolymer

Inhalative DNEL 1 mg/m3 (acute - local effects, workers)

(Contd. on page 6)

Printing date 09.04.2021

Safety data sheet according to 1907/2006/EC, Article 31

V- 3.0

Revision: 08.04.2021

(Contd. of page 5)

Trade name: 5:1 FILLER THN HARDENER

0.5 mg/m3 (long-term - local effects, workers)

108-65-6 2-methoxy-1-methylethyl acetate

Dermal DNEL 153.5 mg/kg bw/day (long-term - systemic effects, workers) Inhalative DNEL 275 mg/m3 (long-term - systemic effects, workers)

1330-20-7 Reaction mass of ethylbenzene and xylene

Dermal DNEL 212 mg/kg bw/day (long-term - systemic effects, workers) Inhalative DNEL 442 mg/m3 (acute - systemic effects, workers) 442 mg/m3 (acute - local effects, workers) 221 mg/m3 (long-term - systemic effects, workers) 221 mg/m3 (long-term - local effects, workers)

4083-64-1 tosyl isocyanate

Dermal DNEL 0.92 mg/kg bw/day (long-term - systemic effects, workers) Inhalative DNEL 3.24 mg/m3 (long-term - systemic effects, workers)

PNECs

123-86-4 n-butyl acetate

PNEC 0.18 mg/l (freshwater environment)

0.018 mg/l (marine environment)

0.36 mg/l (intermittent releases)

35.6 mg/l (sewage treatment plants)

PNEC 0.981 mg/kg (freshwater sediment environment)

28182-81-2 hexamethylene diisocyanate homopolymer

PNEC 0.127 mg/l (freshwater environment)
0.0127 mg/l (marine environment)
1.27 mg/l (intermittent releases)
38.3 mg/l (sewage treatment plants)
PNEC 266,700 mg/kg (freshwater sediment environment)
26,670 mg/kg (marine sediment environment)
53,182 mg/kg (soil) **108-65-6 2-methoxy-1-methylethyl acetate**PNEC 0.635 mg/l (freshwater environment)

0.0635 mg/l (meshwater environment) 6.35 mg/l (intermittent releases) 100 mg/l (sewage treatment plants) PNEC 3.29 mg/kg (freshwater sediment environment)

0.329 mg/kg (marine sediment environment)

1330-20-7 Reaction mass of ethylbenzene and xylene

PNEC 6.58 mg/l (sewage treatment plants) PNEC 12.46 mg/kg (freshwater sediment environment) 12.46 mg/kg (marine sediment environment) PNEC 327 μg/l (freshwater environment) Page 7/15

Safety data sheet according to 1907/2006/EC, Article 31

V- 3.0 Printing date 09.04.2021 Trade name: 5:1 FILLER THN HARDENER (Contd. of page 6) 327 µg/l (intermittent releases) 4083-64-1 tosyl isocyanate PNEC 0.03 mg/l (freshwater environment) 0.003 mg/l (marine environment) 0.3 mg/l (intermittent releases) 0.4 mg/l (sewage treatment plants) PNEC 0.0172 mg/kg (marine environment) 0.172 mg/kg (freshwater sediment environment) 0.0168 mg/kg (soil) Ingredients with biological limit values: 1330-20-7 Reaction mass of ethylbenzene and xylene BMGV (Great Britain) 650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid Regulatory information BMGV (Great Britain): EH40/2011 Additional information: The lists valid during the making were used as basis. 8.2 Exposure controls Appropriate engineering controls No further data; see item 7. Individual protection measures, such as personal protective equipment General protective and hygienic measures: Ensure good ventilation/exhaustion at the workplace. Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air). Keep ignition sources away - Do not smoke. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Do not inhale gases / fumes / aerosols. Avoid contact with the eyes and skin. Do not eat or drink while working. Respiratory protection: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device. Filter A2/P2 Hand protection Protective gloves Check the permeability prior to each anewed use of the glove. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation (EN 374). Material of gloves Butyl rubber, BR Nitrile rubber, NBR PVA gloves Recommended thickness of the material: $\geq 0,7$ mm The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

(Contd. on page 8)

Revision: 08.04.2021

Printing date 09.04.2021

Safety data sheet according to 1907/2006/EC, Article 31

V- 3.0

Trade name: 5:1 FILLER THN HARDENER (Contd. of page 7) Penetration time of glove material Value for the permeation: Level $6 \ge 480$ min. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. Eye/face protection Tightly sealed goggles **Body protection:** Protective work clothing **SECTION 9: Physical and chemical properties** 9.1 Information on basic physical and chemical properties **General Information** Physical state Fluid Colour: Colourless Odour: Characteristic Odour threshold: Not determined. Melting point/freezing point: Undetermined. Boiling point or initial boiling point and boiling range Undetermined. Flammability Not applicable. Lower and upper explosion limit Lower: 1 Vol % Upper: 15 Vol % 24 °C Flash point: Auto-ignition temperature: Not determined. Decomposition temperature: Not determined. pН Not applicable. Viscosity: Kinematic viscosity Not determined. Dynamic: Not determined. Solubility Not miscible or difficult to mix. water. Partition coefficient n-octanol/water (log value) Not determined. 10.7 hPa Vapour pressure at 20 °C: Density and/or relative density 0.99-1.01 g/cm3 Density at 20 °C: Not determined. Vapour density 9.2 Other information Appearance: Fluid Form: Important information on protection of health and environment, and on safety. Product is not explosive. However, formation of explosive air/ Explosive properties: vapour mixtures are possible. Change in condition Not determined. Evaporation rate Information with regard to physical hazard classes Void **Explosives** Void Flammable gases Void Aerosols **Oxidising gases** Void Gases under pressure Void Flammable liquids Flammable liquid and vapour. Flammable solids Void Self-reactive substances and mixtures Void (Contd. on page 9)

Revision: 08.04.2021

Page 9/15

Safety data sheet according to 1907/2006/EC, Article 31

rinting date 09.04.2021	V- 3.0	Revision: 08.04.2021
rade name: 5:1 FILLER THN HARDENER		
		(Contd. of page 8,
Pyrophoric liquids	Void	
Pyrophoric solids	Void	
Self-heating substances and mixtures	Void	
Substances and mixtures, which emit flamma	ble gases	
in contact with water	Void	
Oxidising liquids	Void	
Oxidising solids	Void	
Organic peroxides	Void	
Corrosive to metals	Void	
Desensitised explosives	Void	

SECTION 10: Stability and reactivity

10.1 Reactivity 10.2 Chemical stability 10.3 Possibility of hazardous	No decomposition if used according to specifications. No decomposition if used and stored according to specifications.
reactions	Reacts with water.
	Reacts with alkali, amines and strong acids.
	Reacts with oxidising agents.
	Fumes can combine with air to form an explosive mixture.
10.4 Conditions to avoid	Protect from heat and direct sunlight.
10.5 Incompatible materials:	No further relevant information available.
10.6 Hazardous decomposition	
products:	Carbon monoxide and carbon dioxide
	Formation of toxic gases is possible during heating or in case of fire.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity Harmful if inhaled. LD/LC50 values relevant for classification:

123-86-4 n-butyl acetate

 Oral
 LD50
 10,760 mg/kg (rat)

 Dermal
 LD50
 >14,000 mg/kg (rabbit)

 Inhalative
 LC50/4 h 23.4 mg/l (rat)

28182-81-2 hexamethylene diisocyanate homopolymer

 Oral
 LD50
 >2,500 mg/kg (rat)

 Dermal
 LD50
 >2,000 mg/kg (rat)

 Inhalative ATE
 1.5 mg/l (dust/ mist)

53317-61-6 aromatic polyisocyanate

Oral LD50 >5,000 mg/kg (rat)

108-65-6 2-methoxy-1-methylethyl acetate

 Oral
 LD50
 >5,000 mg/kg (rat)

 Dermal
 LD50
 >5,000 mg/kg (rabbit)

Inhalative LC50/6 h 4,345 mg/l (rat)

Page 10/15

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 09.04.2021

V- 3.0

Revision: 08.04.2021

(Contd. of page 9)

Trade name: 5:1 FILLER THN HARDENER

1330-20-7 Reaction mass of ethylbenzene and xylene Oral LD50 3,523-4,000 mg/kg (rat) Dermal LD50 12,126 mg/kg (rabbit) Inhalative ATE 1.5 mg/l (dust/ mist) 4083-64-1 tosyl isocyanate Oral LD50 2,330 mg/kg (rat) Dermal LD50 >2,000 mg/kg (rat) 26471-62-5 toluene-diisocyanate LD50 5,110 mg/kg (rat) Oral LD50 Dermal >9,400 mg/kg (rabbit) Inhalative ATE 0.005 mg/l (dust/ mist) Primary irritant effect: Skin corrosion/irritation Based on available data, the classification criteria are not met. Serious eye damage/irritation Causes serious eye irritation. Respiratory or skin sensitisation May cause allergy or asthma symptoms or breathing difficulties if inhaled. 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 May cause respiratory irritation. May cause drowsiness or dizziness. 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.

11.2 Information on other hazards Endocrine disrupting properties None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

123-86-4 n-butyl acetate

LC50/96 h18 mg/l (Pimephales promelas)TT/16 h115 mg/l (Pseudomonas putida)EC50/48 h44 mg/l (daphnia)EC50/72 h675 mg/l (algae)

53317-61-6 aromatic polyisocyanate

EC50 >10,000 mg/l (microorganisms)

108-65-6 2-methoxy-1-methylethyl acetate

LC50/96 h >100 mg/l (fish) EC50/48 h >500 mg/l (Daphnia magna) EC20/30 min >1,000 mg/l (microorganisms) EC50/72 h >1,000 mg/l (Pseudokirchnerella subcapitata) Page 11/15

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 09	0.04.2021 V- 3.0	Revision: 08.04.202
rade name: 5	:1 FILLER THN HARDENER	
		(Contd. of page 10
EC50	>100 mg/l (Pseudokirchnerella subcapitata)	
	>100 mg/l (Pimephales promelas)	
	>100 mg/l (Daphnia magna)	
1330-20-7 F	Reaction mass of ethylbenzene and xylene	
EC50/72 h	4.6-4.9 mg/l (microorganisms)	
EC50/73h	2.2-4.36 mg/l (algae)	
4083-64-1 t	osyl isocyanate	
EC50/48 h	>100 mg/l (Daphnia magna)	
EC50/72 h	30 mg/l (Pseudokirchnerella subcapitata)	
LC50/48 h	>45 mg/l (fish)	
26471-62-5	toluene-diisocyanate	
LC50/96 h	133 mg/l (fish)	
EC50/3 h	>100 mg/l (microorganisms)	
ErC50/96 h	4,300 mg/l (Chlorella vulgaris)	
EC50/48 h	12.5 mg/l (Daphnia magna)	
12.2 Persis	tence and degradability	
	butyl acetate	
Biodegradat	ion 83 % (readily biodegradable) (OECD 301 D, 28 d, aerobic)
28182-81-2	hexamethylene diisocyanate homopolymer	
	ion 1 % (not readily biodegradable) (OECD 301 C, 28 d, aerol	bic)
53317-61-6	aromatic polyisocyanate	
	ion 34 % (not readily biodegradable)	
108-65-6 2-	methoxy-1-methylethyl acetate	
	ion 100 % (readily biodegradable) (OECD 302 B, 8 d, aerobic,)
1330-20-7 F	Reaction mass of ethylbenzene and xylene	
	ion 87.8 % (readily biodegradable) (OECD 301 F, 28 d, aerob	ic)
4083-64-1 t	osyl isocyanate	
Biodegradat	ion 86 % (readily biodegradable) (OECD 301 D, 28 d, aerobic)
26471-62-5	toluene-diisocyanate	
Biodegradat	ion 0 % (not readily biodegradable) (OECD 302 C, 28 d, aerol	bic)
<u>12.3 Bioacc</u>	cumulative potential	
	butyl acetate	
BCF 15.	3 (-)	

28182-81-2 hexamethylene diisocyanate homopolymer

BCF 3.2 (-)

Page 12/15

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 09.04.2021	V- 3.0	Revision: 08.04.2021	
Trade name: 5:1 FILLER THN H	ARDENER		
		(Contd. of page 11)	
log Kow 9.81 (Kow)			
108-65-6 2-methoxy-1-methy	lethyl acetate		
log Pow 0.56			
12.4 Mobility in soil			
123-86-4 n-butyl acetate			
log Koc 1.27			
108-65-6 2-methoxy-1-methy	lethyl acetate		
Кос 1.7			
12.5 Results of PBT and vPv	B assessment		
PBT:	Not applicable.		
vPvB:	Not applicable.		
12.6 Endocrine disrupting			
properties	The product does not contain substances with	h endocrine disrupting properties.	
12.7 Other adverse effects			
Additional ecological inform			
General notes:	Do not allow undiluted product or large quanti course or sewage system.	allow undiluted product or large quantities of it to reach ground water, water or sewage system.	

SECTION 13: Disposal considerations

13.1 Waste treatment methods	
Recommendation	Must not be disposed together with household garbage. Do not allow product to reach sewage system.
European waste catalogue	

08 01 11* waste paint and varnish containing organic solvents or other hazardous substances

Uncleaned packaging:

Recommendation:

Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN number or ID number ADR, IMDG, IATA 14.2 UN proper shipping name ADR IMDG, IATA 14.3 Transport hazard class(es)

UN1263

1263 PAINT RELATED MATERIAL PAINT RELATED MATERIAL

ADR, IMDG, IATA



III Not applicable.

3 3 Page 13/15

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 09.04.2021	V- 3.0	Revision: 08.04.2021
Trade name: 5:1 FILLER THN HARDENER		
		(Contd. of page 12)
Marine pollutant (IMDG):	No	
14.6 Special precautions for user	Warning: Flammable liquids.	
Hazard identification number (Kemler code):	30	
EMS Number:	F-E,S-E	
Stowage Category	A	
14.7 Maritime transport in bulk according to IM	10	
instruments	Not applicable.	
Transport/Additional information:		
ADR		
Limited quantities (LQ)	5L	
Transport category	3	
Tunnel restriction code	D/E	
IMDG		
Limited quantities (LQ)	51	
UN "Model Regulation":	UN 1263 PAINT RELATED MATERIAL, 3, II	11
		-
SECTION 15: Regulatory information		

15.1 Safety, health and	
environmental regulations/	
legislation specific for the substance or mixture	
Directive 2012/18/EU	
Named dangerous substances -	
ANNEX I	None of the ingredients is listed.
Seveso category	P5c FLAMMABLE LIQUIDS
Qualifying quantity (tonnes) for	
the application of lower-tier	
requirements	5,000 t
Qualifying quantity (tonnes) for	
the application of upper-tier	
requirements	50,000 t

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3, 74

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

REGULATION (EU) 2019/1148

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3)) None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

National regulations:

Information about limitation of use:

Employment restrictions concerning juveniles must be observed.

Page 14/15

Safety data sheet according to 1907/2006/EC, Article 31

V- 3.0 Revision: 08.04.2021 Printing date 09.04.2021 Trade name: 5:1 FILLER THN HARDENER (Contd. of page 13) Employment restrictions concerning pregnant and lactating women must be observed. 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out. **SECTION 16: Other information** This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. **Relevant phrases** H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H330 Fatal if inhaled. H332 Harmful if inhaled. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H351 Suspected of causing cancer. H373 May cause damage to organs through prolonged or repeated exposure. H412 Harmful to aquatic life with long lasting effects. EUH014 Reacts violently with water. EUH066 Repeated exposure may cause skin dryness or cracking. EUH204 Contains isocyanates. May produce an allergic reaction. Classification according to Regulation (EC) No 1272/2008 Flammable liquids Bridging principles Acute toxicity - inhalation The classification of the mixture is generally based on the calculation Serious eye damage/eye irritation method using substance data according to Regulation (EC) No 1272/2008. Respiratory sensitisation Skin sensitisation Specific target organ toxicity (single exposure) Version number of previous version: 20 Abbreviations and acronyms: ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) DNEL: Derived No-Effect Level (REACH) PNEC: Predicted No-Effect Concentration (REACH) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Flam. Liq. 3: Flammable liquids - Category 3 Acute Tox. 1: Acute toxicity - Category 1 Acute Tox. 4: Acute toxicity - Category 4 Skin Irrit. 2: Skin corrosion/irritation - Category 2 Eye Irrit. 2: Serious eye damage/eye irritation - Category 2 Resp. Sens. 1: Sensitisation - Respiratory. Hazard category 1

Skin Sens. 1: Sensitisation - Skin. Hazard Category 1

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(Contd. of page 14) Carc. 2: Carcinogenicity. Hazard Category 2 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2 Asp. Tox. 1: Aspiration hazard – Category 1 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3 **Sources** European Chemicals Agency, http://echa.europa.eu/

* Data compared to the previous version altered.

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