

Printing date 11.10.2023

Safety data sheet

according to 1907/2006/EC, Article 31 Version number 78 (replaces version 77)

Revision: 11.10.2023

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

- · 1.1 Product identifier
- · Trade name: Mipa Härter PS
- · 1.2 Relevant identified uses of the substance or mixture and uses advised against
- No further relevant information available.
- · Application of the substance / the mixture Hardening agent/ Curing agent
- **1.3 Details of the supplier of the safety data sheet** • **Manufacturer/Supplier:** MIPA SE Am Oberen Moos 1 D-84051 Essenbach Tel.: +49 8703 92 20

Fax.: +49 8703 92 21 00 e-mail: sdb-registratur@mipa-paints.com www.mipa-paints.com

• 1.4 Emergency telephone number: International emergency number: +49(0)700 24112112 (MIP)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



Flam. Liq. 2	H225	Highly flammable liquid and vapour.
Org. Perox. D	H242	Heating may cause a fire.

🗶 🥙 corrosion

Skin Corr. 1B	H314	Causes severe skin burns and eye damage.
Eye Dam. 1	H318	Causes serious eye damage.



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 GB CLP regulation.
- · Hazard pictograms



· Signal word Danger

• *Hazard-determining components of labelling:* Reaction mass of butane-2,2-diyl dihydroperoxide and di-sec-butylhexaoxidane Ethyl acetate cyclohexanone peroxide(s)

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· Hazard s	statements
H225	Highly flammable liquid and vapour.
	Heating may cause a fire.
H314	• •
H335-H3	36 May cause respiratory irritation. May cause drowsiness or dizziness.
	onary statements
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P303+P3	361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P3	351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.
P321	Specific treatment (see on this label).
P410	Protect from sunlight.
· Addition	al information:
EUH066	Repeated exposure may cause skin dryness or cracking.
	r hazards
	of PBT and vPvB assessment
PBI: NO	t applicable.

· vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

· Description: Mixture of substances listed below with nonhazardous additions.

 Dangerous components: 		
CAS: 141-78-6 EINECS: 205-500-4 Reg.nr.: 01-2119475103-46	Ethyl acetate Flam. Liq. 2, H225; (1) Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	25-50%
CAS: 1338-23-4 EC number: 700-954-4 Reg.nr.: 01-2119514691-43	Reaction mass of butane-2,2-diyl dihydroperoxide and di- sec-butylhexaoxidane Org. Perox. D, H242; O Skin Corr. 1B, H314; Eye Dam. 1, H318; O Acute Tox. 4, H302; Acute Tox. 4, H332	10-25%
CAS: 131-11-3 EINECS: 205-011-6 Reg.nr.: 01-2119437229-36	dimethyl phthalate substance with a Community workplace exposure limit	2.5-<10%
CAS: 12262-58-7 EINECS: 235-527-7 Reg.nr.: 02-2119716628-32	cyclohexanone peroxide(s) ♦ Org. Perox. C, H242; ♦ Skin Corr. 1B, H314; Eye Dam. 1, H318; ↑ Acute Tox. 4, H302; Aquatic Chronic 3, H412 Specific concentration limit: STOT SE 3; H335: C ≥ 5 %	<i>≥</i> 5-<10%
CAS: 78-93-3 EINECS: 201-159-0 Reg.nr.: 01-2119457290-43	Methyl ethyl ketone Flam. Liq. 2, H225; () Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	<1%
• Additional information: Fo	r the wording of the listed hazard phrases refer to section 16	

SECTION 4: First aid measures

· 4.1 Description of first aid measures

· General information: Immediately remove any clothing soiled by the product.

- · After inhalation: Supply fresh air; consult doctor in case of complaints.
- · After skin contact: Immediately rinse with water.

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After eye contact:

Rinse opened eye for several minutes under running water. Then consult a doctor. • After swallowing: If symptoms persist consult doctor.

- 4.2 Most important symptoms and effects, both acute and delayed
- No further relevant information available. • **4.3 Indication of any immediate medical attention and special treatment needed** 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: Water with full jet
- 5.2 Special hazards arising from the substance or mixture During heating or in case of fire poisonous gases are produced.
- 5.3 Advice for firefighters
- Protective equipment: Mouth respiratory protective device.

SECTION 6: Accidental release measures

• 6.1 Personal precautions, protective equipment and emergency procedures Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

- 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). Use neutralising agent.

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

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** Keep away from heat and direct sunlight. Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.
- *Information about fire and explosion protection:* Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Keep respiratory protective device available.

· 7.2 Conditions for safe storage, including any incompatibilities

- · Storage:
- Requirements to be met by storerooms and receptacles: Store in a cool location.
- · Information about storage in one common storage facility: Store away from foodstuffs.
- Further information about storage conditions: Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

• Storage class: 5.2

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· 7.3 Specific end use(s) No further relevant information available.

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SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

141-78-6 Ethyl acetate

WEL Short-term value: 1468 mg/m³, 400 ppm Long-term value: 734 mg/m³, 200 ppm

1338-23-4 Reaction mass of butane-2,2-diyl dihydroperoxide and di-sec-butylhexaoxidane

WEL Short-term value: 1.5 mg/m³, 0.2 ppm

131-11-3 dimethyl phthalate

WEL Short-term value: 10 mg/m³ Long-term value: 5 mg/m³

78-93-3 Methyl ethyl ketone

WEL Short-term value: 899 mg/m³, 300 ppm Long-term value: 600 mg/m³, 200 ppm Sk, BMGV

· Ingredients with biological limit values:

78-93-3 Methyl ethyl ketone

BMGV 70 µmol/L Medium: urine Sampling time: post shift Parameter: butan-2-one

Additional information: The lists valid during the making were used as basis.

- · 8.2 Exposure controls
- Appropriate engineering controls No further data; see section 7.
- Individual protection measures, such as personal protective equipment
- · General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

Respiratory protection:

Filter A/P2 (EN 141, EN 143)



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.

· Hand protection



Protective gloves (EN 374)

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Material of gloves

Butyl rubber, BR

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 (Contd. on page 5)

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substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. • Breakthrough time of glove material Value for the permeation: Level ≤ 4 · Eye/face protection



Tightly sealed goggles

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and che General Information			
Physical state	Fluid		
Colour:	According to product specification		
Odour:	Characteristic		
Odour threshold:	Not determined.		
Melting point/freezing point:	Undetermined.		
Boiling point or initial boiling point and			
boiling range	77-78 °C (141-78-6 Ethyl acetate)		
Flammability	May cause fire.		
	Highly flammable.		
Lower and upper explosion limit	riginy hammable.		
Lower:	2.1 Vol % (141-78-6 Ethyl acetate)		
Upper:	11.5 Vol % (141-78-6 Ethyl acetate)		
Flash point:	2 °C (DIN 53213)		
Auto-ignition temperature:	460 °C (DIN 51794, 141-78-6 Ethyl acetate)		
Decomposition temperature:	Not determined.		
pH	Not determined.		
рп Viscosity:			
Viscosity: Kinematic viscosity	Not determined		
	Not determined.		
Dynamic at 20 °C:	38 mPas		
Solubility	Not missible or difficult to miss		
water:	Not miscible or difficult to mix.		
· Partition coefficient n-octanol/water (log			
value)	Not determined.		
Vapour pressure at 20 °C:	97 hPa (141-78-6 Ethyl acetate)		
Vapour pressure at 50 °C: 360 hPa			
Density and/or relative density	1.001 - (
Density at 20 °C:	1.021 g/cm ³ (DIN 53217)		
Relative density	Not determined.		
Vapour density	Not determined.		
9.2 Other information			
Appearance:			
Form:	Fluid		
Important information on protection of he			
and environment, and on safety.			
Ignition temperature:	Product is not selfigniting.		
Explosive properties:	Product is not explosive. However, formation of		
	explosive air/vapour mixtures are possible.		
Solvent content:	expresive anivapour mixtures are possible.		
VOC (EC)	45.90 %		
Solids content (weight-%):	43.90 % 26.6 %		
	20.0 /0		



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Change in condition	
Evaporation rate	Not determined.
Information with regard to physical haz classes	ard
Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Highly flammable liquid and vapour.
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit	
flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Heating may cause a fire.
Corrosive to metals	Void
Desensitised explosives	Void

SECTION 10: Stability and reactivity

- · 10.1 Reactivity No further relevant information available.
- 10.2 Chemical stability
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- · 10.5 Incompatible materials: No further relevant information available.

· 10.6 Hazardous decomposition products: Carbon monoxide

SECTION 11: Toxicological information

- \cdot 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
- · Acute toxicity Based on available data, the classification criteria are not met.
- Skin corrosion/irritation Causes severe skin burns and eye damage.
- · Serious eye damage/irritation Causes serious eye damage.
- STOT-single exposure May cause respiratory irritation. May cause drowsiness or dizziness.
- · 11.2 Information on other hazards
- Endocrine disrupting properties
- 78-93-3 Methyl ethyl ketone

List II

SECTION 12: Ecological information

- · 12.1 Toxicity
- · Aquatic toxicity: No further relevant information available.
- · 12.2 Persistence and degradability No further relevant information available.
- · 12.3 Bioaccumulative potential No further relevant information available.

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· 12.4 Mobility in soil No further relevant infor	mation available.
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12.5 Results of PBT and vPvB assessment

• **PBT:** Not applicable.

- · vPvB: Not applicable.
- 12.6 Endocrine disrupting properties
- For information on endocrine disrupting properties see section 11.
- · 12.7 Other adverse effects
- · Additional ecological information:
- · General notes:

Water hazard class 1 (German Regulation) : slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Must not reach sewage water or drainage ditch undiluted or unneutralised.

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.

· Uncleaned packaging:

• Recommendation: Disposal must be made according to official regulations.

<i>14.1 UN number or ID number ADR, IMDG, IATA</i>	UN3105
14.2 UN proper shipping name ADR IMDG, IATA	UN3105 ORGANIC PEROXIDE TYPE D, LIQU (methyl ethyl ketone peroxide(s), cyclohexano peroxide(s)) ORGANIC PEROXIDE TYPE D, LIQUID (meth ethyl ketone peroxide(s), cyclohexano peroxide(s))
14.3 Transport hazard class(es)	
Class Label	5.2 (P1) Organic peroxides. 5.2
IMDG, IATA	
Class	5.2 Organic peroxides.
Label	5.2



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14.4 Packing group ADR, IMDG, IATA Void 14.5 Environmental hazards: No Marine pollutant: No 14.6 Special precautions for user Warning: Organic peroxides. Hazard identification number (Kemler code): - - EMS Number: F-J,S-R Stowage Category D Stowage Code SW1 Protected from sources of heat. Segregation Code SG35 Stow "separated from" SGG1-acids SG36 Stow "separated from" SGG18-alkalis. SG72 See 7.2.6.3.2. 14.7 Maritime transport in bulk according to IMO instruments Not applicable. Transport/Additional information: - ADR - Limited quantities (LQ) 125 ml Transport category 2 IMDG - IMDG 125 ml UN "Model Regulation": UN 3105 ORGANIC PEROXIDE TYPE D, LIQUIL (METHYL ETHYL KETONE PEROXIDE(S)) CYCLOHEXANONE PEROXIDE(S)) CYCLOHEXANONE PEROXIDE(S)) CYCLOHEXANONE PEROXIDE(S)) CYCLOHEXANONE PEROXIDE(S)) CYCLOHEXANONE PEROXIDE(S))		(Contd. of page 7
Marine pollutant: No 14.6 Special precautions for user Warning: Organic peroxides. Hazard identification number (Kemler code): - EMS Number: F-J,S-R Stowage Category D Stowage Code SW1 Protected from sources of heat. Segregation Code SG35 Stow "separated from" SGG1-acids SG36 Stow "separated from" SGG18-alkalis. SG72 See 7.2.6.3.2. 14.7 Maritime transport in bulk according to IMO instruments Not applicable. Transport/Additional information:		Void
 Hazard identification number (Kemler code): - EMS Number: F-J,S-R Stowage Category D Stowage Code SW1 Protected from sources of heat. Segregation Code SG35 Stow "separated from" SGG1-acids SG36 Stow "separated from" SGG18-alkalis. SG72 See 7.2.6.3.2. 14.7 Maritime transport in bulk according to IMO instruments Not applicable. Transport/Additional information: ADR Limited quantities (LQ) 125 ml Transport category 2 Tunnel restriction code D IMDG Limited quantities (LQ) 125 ml UN "Model Regulation": UN 3105 ORGANIC PEROXIDE TYPE D, LIQUIL (METHYL ETHYL KETONE PEROXIDE(S) 		No
 Hazard identification number (Kemler code): - EMS Number: F-J,S-R Stowage Category D Stowage Code SW1 Protected from sources of heat. Segregation Code SG35 Stow "separated from" SGG1-acids SG36 Stow "separated from" SGG18-alkalis. SG72 See 7.2.6.3.2. 14.7 Maritime transport in bulk according to IMO instruments Not applicable. Transport/Additional information: ADR Limited quantities (LQ) 125 ml Transport category 2 Tunnel restriction code D IMDG Limited quantities (LQ) 125 ml UN "Model Regulation": UN 3105 ORGANIC PEROXIDE TYPE D, LIQUIL (METHYL ETHYL KETONE PEROXIDE(S) 	· 14.6 Special precautions for user	Warning: Organic peroxides.
EMS Number:F-J,S-RStowage CategoryDStowage CodeSW1 Protected from sources of heat.Segregation CodeSG35 Stow "separated from" SGG1-acids SG36 Stow "separated from" SGG18-alkalis. SG72 See 7.2.6.3.2.14.7 Maritime transport in bulk according to IMO instrumentsNot applicable.Transport/Additional information:Not applicable.· Limited quantities (LQ)125 ml· Transport category2· Tunnel restriction codeD· IMDGLimited quantities (LQ)· UN "Model Regulation":UN 3105 ORGANIC PEROXIDE TYPE D, LIQUID (METHYL ETHYL KETONE PEROXIDE (S)		
Stowage Code SW1 Protected from sources of heat. Segregation Code SG35 Stow "separated from" SGG1-acids SG36 Stow "separated from" SGG18-alkalis. SG72 See 7.2.6.3.2. · 14.7 Maritime transport in bulk according to IMO instruments Not applicable. · Transport/Additional information: · · ADR 125 ml · Transport category 2 · Tunnel restriction code D · IMDG 125 ml · Limited quantities (LQ) 125 ml · UN "Model Regulation": UN 3105 ORGANIC PEROXIDE TYPE D, LIQUIL (METHYL ETHYL KETONE PEROXIDE(S)		•
Segregation Code SG35 Stow "separated from" SGG1-acids SG36 Stow "separated from" SGG18-alkalis. SG72 See 7.2.6.3.2. 14.7 Maritime transport in bulk according to IMO instruments Not applicable. Transport/Additional information: Not applicable. ADR 125 ml Transport category 2 Tunnel restriction code D IMDG 125 ml UN "Model Regulation": UN 3105 ORGANIC PEROXIDE TYPE D, LIQUIL (METHYL ETHYL KETONE PEROXIDE(S)	· Stowage Category	D
SG36 Stow "separated from" SGG18-alkalis. SG72 See 7.2.6.3.2. • 14.7 Maritime transport in bulk according to IMO instruments Not applicable. • Transport/Additional information: Not applicable. • ADR 125 ml • Limited quantities (LQ) 125 ml • Transport category 2 • Tunnel restriction code D • IMDG 125 ml • Limited quantities (LQ) 125 ml • UN "Model Regulation": UN 3105 ORGANIC PEROXIDE TYPE D, LIQUIL (METHYL ETHYL KETONE PEROXIDE(S)	· Stowage Code	SW1 Protected from sources of heat.
SG72 See 7.2.6.3.2. • 14.7 Maritime transport in bulk according to IMO instruments Not applicable. • Transport/Additional information: • ADR • Limited quantities (LQ) 125 ml • Transport category 2 • Tunnel restriction code D • IMDG 125 ml • Limited quantities (LQ) 125 ml • UN "Model Regulation": UN 3105 ORGANIC PEROXIDE TYPE D, LIQUIL (METHYL ETHYL KETONE PEROXIDE(S))	· Segregation Code	
 14.7 Maritime transport in bulk according to IMO instruments Not applicable. Transport/Additional information: ADR Limited quantities (LQ) Transport category Tunnel restriction code D IMDG Limited quantities (LQ) T25 ml Tunnel restriction code D IMDG Limited quantities (LQ) 125 ml UN 3105 ORGANIC PEROXIDE TYPE D, LIQUIL (METHYL ETHYL KETONE PEROXIDE(S)) 		
IMO instruments Not applicable. · Transport/Additional information: · · ADR 125 ml · Limited quantities (LQ) 125 ml · Transport category 2 · Tunnel restriction code D · IMDG 125 ml · Limited quantities (LQ) 125 ml · UN "Model Regulation": UN 3105 ORGANIC PEROXIDE TYPE D, LIQUIL (METHYL ETHYL KETONE PEROXIDE(S)		SG72 See 7.2.6.3.2.
IMO instruments Not applicable. · Transport/Additional information: · · ADR 125 ml · Limited quantities (LQ) 125 ml · Transport category 2 · Tunnel restriction code D · IMDG 125 ml · Limited quantities (LQ) 125 ml · UN "Model Regulation": UN 3105 ORGANIC PEROXIDE TYPE D, LIQUIL (METHYL ETHYL KETONE PEROXIDE(S)	· 14.7 Maritime transport in bulk according	ı to
 ADR Limited quantities (LQ) Transport category Tunnel restriction code IMDG Limited quantities (LQ) 125 ml UN "Model Regulation": UN 3105 ORGANIC PEROXIDE TYPE D, LIQUIL (METHYL ETHYL KETONE PEROXIDE(S) 		
· Limited quantities (LQ) 125 ml · Transport category 2 · Tunnel restriction code D · IMDG · · Limited quantities (LQ) 125 ml · UN "Model Regulation": UN 3105 ORGANIC PEROXIDE TYPE D, LIQUIL (METHYL ETHYL KETONE PEROXIDE(S)	· Transport/Additional information:	
• Transport category 2 • Transport category 2 • Tunnel restriction code D • IMDG • • Limited quantities (LQ) 125 ml • UN "Model Regulation": UN 3105 ORGANIC PEROXIDE TYPE D, LIQUIL (METHYL ETHYL KETONE PEROXIDE(S)	· ADR	
Transport category 2 Tunnel restriction code D IMDG 125 ml UN "Model Regulation": UN 3105 ORGANIC PEROXIDE TYPE D, LIQUIL (METHYL ETHYL KETONE PEROXIDE(S)	· Limited quantities (LQ)	125 ml
· Tunnel restriction code D · IMDG · · Limited quantities (LQ) 125 ml · UN "Model Regulation": UN 3105 ORGANIC PEROXIDE TYPE D, LIQUIL (METHYL ETHYL KETONE PEROXIDE(S)		2
· Limited quantities (LQ) 125 ml · UN "Model Regulation": UN 3105 ORGANIC PEROXIDE TYPE D, LIQUIL (METHYL ETHYL KETONE PEROXIDE(S)		D
· UN "Model Regulation": UN 3105 ORGANIC PEROXIDE TYPE D, LIQUIL (METHYL ETHYL KETONE PEROXIDE(S)	·IMDG	
(METHYL ETHYL KETONE PEROXIDE(S)	· Limited quantities (LQ)	125 ml
(METHYL ETHYL KETONE PEROXIDE(S)	· UN "Model Regulation":	UN 3105 ORGANIC PEROXIDE TYPE D. LIQUIL
	en meder regulation i	
		CYCLOHEXANONE PEROXIDE(S)), 5.2

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
- P6b SELF-REACTIVE SUBSTANCES AND MIXTURES and ORGANIC PEROXIDES
- \cdot Qualifying quantity (tonnes) for the application of lower-tier requirements 50 t
- \cdot Qualifying quantity (tonnes) for the application of upper-tier requirements 200 t

• National regulations:

· Additional classification according to Decree on Hazardous Materials, Annex II:

Class	Share in %	
NK	25-50	

· 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

H225 Highly flammable liquid and vapour.

H242 Heating may cause a fire.

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H302	Harmful if swallowed.	
H314	Causes severe skin burns and eye damage.	
H318	Causes serious eye damage.	
H319	Causes serious eye irritation.	
H332	Harmful if inhaled.	
H336	May cause drowsiness or dizziness.	
H412	Harmful to aquatic life with long lasting effects.	
EUH066	8 Repeated exposure may cause skin dryness or cracking.	
	cation according to Regulation (EC) No 1272/2008	
	ssification of the mixture is generally based on the calculation method using	substance data
	ng to Regulation (EC) No 1272/2008.	
	iations and acronyms:	
	lement international concernant le transport des marchandises dangereuses par chemin d	e fer (Regulations
	ing the International Transport of Dangerous Goods by Rail)	s for (riogulatione
	ernational Civil Aviation Organisation	
	ord relatif au transport international des marchandises dangereuses par route (European Agre	ement Concerning
	ational Carriage of Dangerous Goods by Road)	
	ernational Maritime Code for Dangerous Goods	
	rnational Air Transport Association bally Harmonised System of Classification and Labelling of Chemicals	
	European Inventory of Existing Commercial Chemical Substances	
	European List of Notified Chemical Substances	
CAS: Cher	mical Abstracts Service (division of the American Chemical Society)	
	atile Organic Compounds (USA, EU)	
	sistent, Bioaccumulative and Toxic	
	y Persistent and very Bioaccumulative 2: Flammable liquids – Category 2	
	x. C: Organic peroxides – Type C/D	
	x. D: Organic peroxides – Type C/D	
	. 4: Acute toxicity – Category 4	
Skin Corr.	1B: Skin corrosion/irritation – Category 1B	
	1: Serious eye damage/eye irritation – Category 1	
	2: Serious eye damage/eye irritation – Category 2	
	3: Specific target organ toxicity (single exposure) – Category 3 hronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3	
	compared to the previous version altered.	
Data		