Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 28.07.2026 *Version number 1* *Revision: 28.07.2026*

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

· ***1.1 Product identifier***

· ***Trade name:*** **PERI Sealing adhesive 4 component B**

· ***UFI:*** W600-606D-800Y-5F3Y

· ***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
Curing agent/ cross-linker/ Vulcanising agent

· ***1.3 Details of the supplier of the safety data sheet***

· ***Manufacturer/Supplier:***

PERI Vertrieb Deutschland GmbH & Co. KG
Formwork Scaffolding Engineering
Daimlerstraße 24-28
DE-89264 Weißenhorn
Germany

· ***Informing department:***

Telephone: +49 (0)7309.950-0
Fax: +49 (0)7309.951-0
E-mail: info@peri.com
www.PERI.com

· ***1.4 Emergency telephone number:***

Gift-Informationszentrum Nord, Göttingen
Poison Information Center, Göttingen
Tel.: +49 (0)551 19240
(German and English only)

SECTION 2: Hazards identification

· ***2.1 Classification of the substance or mixture***

· ***Classification according to Regulation (EC) No 1272/2008***



GHS05 corrosion

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



GHS07

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Skin Sens. 1 H317 May cause an allergic skin reaction.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

· ***Additional information:***
The full text of the classification and labelling elements mentioned is given in Section 16.

· ***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***



GHS05 GHS07

· ***Signal word*** Danger

· ***Hazard-determining components of labelling:***
isophorone diamine
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with m-phenylenebis(methylamine)
benzyl alcohol

· ***Hazard statements***
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.

· ***Precautionary statements***

P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P351+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.

· ***Additional information:***
This product contains microplastics.
Restricted to professional users.

· ***2.3 Other hazards***

· ***Results of PBT and vPvB assessment***

· ***PBT:*** Not applicable

· ***vPvB:*** Not applicable

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SECTION 3: Composition/information on ingredients

· ***3.2 Mixtures***
· ***Description:***
amine hardener
Crosslinker

· ***Dangerous components:***		
CAS: 100-51-6 EINECS: 202-859-9 Index number: 603-057-00-5 Reg.nr.: 01-2119492630-38-X	benzyl alcohol Acute Tox. 4, H302; Eye Irrit. 2, H319; Skin Sens. 1B, H317 ATE: LD50 oral: 1,200 mg/kg	≥ 2.5 - < 10%
CAS: 2855-13-2 EINECS: 220-666-8 Index number: 612-067-00-9 Reg.nr.: 01-2119514687-32-X	isophorone diamine Skin Corr. 1B, H314; Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Sens. 1A, H317 Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.001 %	≥ 5 - ≤ 10%
CAS: 113930-69-1 NLP: 500-302-7 Reg.nr.: 01-2119965162-39-X	4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with m-phenylenebis(methylamine) Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Chronic 2, H411; Skin Sens. 1, H317	≥ 5 - < 10%

· ***Additional information*** For 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*** Instantly remove any clothing contaminated by the product.
· ***After inhalation***
Supply fresh air or oxygen; call for doctor.
In case of unconsciousness bring patient into stable side position for transport.
· ***After skin contact***
Instantly wash with water and soap and rinse thoroughly.
Call a doctor immediately.
Wash contaminated clothing before re-use.
Discard contaminated shoes.
· ***After eye contact***
Keep eye lids open and rinse them with ample amounts of clean running water for at least 15 minutes.
Call a doctor immediately.
· ***After swallowing***
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; instantly call for medical help.
· ***4.2 Most important symptoms and effects, both acute and delayed***
No further relevant information available.

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· ***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***
Extinguishing powder, foam or water jet. Fight larger fires with water jet or alcohol-resistant foam.
· ***For safety reasons unsuitable extinguishing agents*** Water with a full water jet.
· ***5.2 Special hazards arising from the substance or mixture***
Formation of poisonous gases during heating or in fires.
Carbon monoxide and carbon dioxide
Nitrogen oxides (NOx)
· ***5.3 Advice for firefighters***
· ***Protective equipment:***
In case of fire wear breathing equipment being independent of ambient air and suit provided full protection against chemicals.
· ***Additional information***
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

· ***6.1 Personal precautions, protective equipment and emergency procedures***
Keep people at a distance and stay on the windward side.
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
· ***For non-emergency personnel*** Avoid contact with the product.
· ***For emergency responders*** Put on suitable personal protective equipment.
· ***6.2 Environmental precautions:***
Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.
· ***6.3 Methods and material for containment and cleaning up:***
Absorb with liquid-binding material (sand, diatomite, universal binders) and disposal in suitable containers.
Dispose of contaminated material as waste according to section 13.
· ***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 information on disposal.

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SECTION 7: Handling and storage

· ***7.1 Precautions for safe handling***
Keep containers tightly sealed.
Keep away from heat and direct sunlight.
Ensure good ventilation/exhaustion at the workplace.
Avoid release to the environment.
· ***Information about protection against explosions and fires:*** No special measures required.

· ***Handling***
Avoid contact with eyes and skin.
Wash thoroughly after handling.
Wash contaminated clothing before re-use.

· ***7.2 Conditions for safe storage, including any incompatibilities***
· ***Storage***
· ***Requirements to be met by storerooms and containers:***
Store in cool location.
Recommended storage temperature: 10°C to 30°C.
Store only in the original container.
· ***Information about storage in one common storage facility:***
Store away from oxidising agents.
Store away from foodstuffs.
· ***Further information about storage conditions:*** Store container in a well ventilated position.
· ***7.3 Specific end use(s)*** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· ***8.1 Control parameters***
· ***Components with limit values that require monitoring at the workplace:***
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· ***DNELs***		
CAS: 100-51-6 benzyl alcohol		
Oral	DNEL (consumer, short-term, systemic)	20 mg/kg bw/day (human)
	DNEL (consumer, long-term, systemic)	4 mg/kg bw/day (human)
Dermal	DNEL (worker, short-term, systemic)	40 mg/kg bw/day (human)
	DNEL (worker, long-term, systemic)	8 mg/kg bw/day (human)
	DNEL (consumer, short-term, systemic)	20 mg/kg bw/day (human)
	DNEL (consumer, long-term, systemic)	4 mg/kg bw/day (human)
Inhalative	DNEL (worker, short-term, systemic)	110 mg/m³ (human)
	DNEL (worker, long-term, systemic)	22 mg/m³ (human)

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	DNEL (consumer, short-term, systemic)	27 mg/m³ (human)
	DNEL (consumer, long-term, systemic)	5.4 mg/m³ (human)
CAS: 2855-13-2 isophorone diamine		
Oral	DNEL (consumer, long-term, systemic)	0.526 mg/kg bw/day (human)
Inhalative	DNEL (worker, short-term, local)	0.073 mg/m³ (human)
	DNEL (worker, long-term, local)	0.073 mg/m³ (human)
CAS: 113930-69-1 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with m-phenylenebis(methylamine)		
Oral	DNEL (consumer, short-term, systemic)	0.05 mg/kg bw/day (human)
Dermal	DNEL (worker, short-term, systemic)	0.14 mg/kg bw/day (human)
	DNEL (consumer, short-term, systemic)	0.05 mg/kg bw/day (human)
Inhalative	DNEL (worker, short-term, systemic)	0.493 mg/m³ (human)
	DNEL (consumer, short-term, systemic)	0.074 mg/m³ (human)

· ***PNECs***

CAS: 100-51-6 benzyl alcohol	
PNEC aqua (fresh water)	1 mg/L (.)
PNEC Water (marine water)	0.1 mg/L (.)
PNEC STP - Sewage Treatment Plant	39 mg/L (.)
PNEC soil	0.456 mg/kg soil dw (.)
PNEC sediment (fresh water)	5.27 mg/kg sedim. dw (.)
PNEC sediment (marine water)	0.527 mg/kg sedim. dw (.)
PNEC Water (sporadic release)	2.3 mg/L (.)
CAS: 2855-13-2 isophorone diamine	
PNEC aqua (fresh water)	0.06 mg/L (.)
PNEC Water (marine water)	0.006 mg/L (.)
PNEC STP - Sewage Treatment Plant	3.18 mg/L (.)
PNEC sediment (fresh water)	5.784 mg/kg sedim. dw (.)
PNEC sediment (marine water)	0.578 mg/kg sedim. dw (.)
PNEC Water (sporadic release)	0.23 mg/L (.)
CAS: 113930-69-1 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with m-phenylenebis(methylamine)	
PNEC aqua (fresh water)	0.001 mg/L
PNEC STP - Sewage Treatment Plant	8.889 mg/L
PNEC soil	923 mg/kg soil dw
PNEC sediment (fresh water)	4,610 mg/kg sedim. dw
PNEC sediment (marine water)	461 mg/kg sedim. dw

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PNEC Water (sporadic release)	0.015 mg/L
PNEC oral	3.33 mg/kg food

· ***Additional information:*** The lists that were valid during the compilation were used as basis.

· ***8.2 Exposure controls***

· ***Appropriate engineering controls***

Care for good ventilation, i.e. by local exhaust or general exhaust ventilation. If this is not sufficient to keep the concentration of solvent vapours below workplace threshold values an appropriate protective breathing apparatus shall be worn.

· ***Individual protection measures, such as personal protective equipment***

· ***General protective and hygienic measures***

Keep away from foodstuffs, beverages and food.
Take off all contaminated clothing immediately.
Wash hands during breaks and at the end of the work.
Avoid contact with the eyes and skin.

· ***Breathing equipment:***

In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.
Filter A/P2.

· ***Hand protection***



Protective gloves.

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

· ***Material of gloves***

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.

· ***Penetration time of glove material***

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· ***For the permanent contact gloves made of the following materials are suitable:***

Fluorocarbon rubber (Viton)
In case of a layer thickness of 0.4 mm the penetration time is longer than 30 minutes.

· ***For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:***

Butyl rubber, BR
Nitrile rubber, NBR

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· ***Eye/face protection***



Tightly sealed safety glasses.

· ***Body protection:***



Protective work clothing.

SECTION 9: Physical and chemical properties

· ***9.1 Information on basic physical and chemical properties***	
· ***General Information***	
· ***Colour:***	Pigmented
· ***Odour:***	Amine-like
· ***Melting point/freezing point:***	Not determined
· ***Boiling point or initial boiling point and boiling range***	Not determined
· ***Lower and upper explosion limit***	
· ***Lower:***	Not determined
· ***Upper:***	Not determined
· ***Flash point:***	114 °C (calculated)
· ***Auto-ignition temperature:***	Product is not selfigniting.
· ***SADT***	
· ***pH***	Not determined
· ***Viscosity:***	
· ***Kinematic viscosity***	Not determined
· ***dynamic at 25 °C:***	204200 - 306200 mPas (ISO 3219)
· ***Solubility***	
· ***Water:***	Not determined
· ***Vapour pressure:***	Not determined
· ***Density and/or relative density***	
· ***Density at 20 °C***	2 g/cm³ (ISO 2811-1)
· ***9.2 Other information***	
· ***Appearance:***	
· ***Form:***	Pasty

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· ***Important information on protection of health and environment, and on safety.***	
· ***Self-inflammability:***	Product is not selfigniting.
· ***Explosive properties:***	Product is not explosive.
· ***Information with regard to physical hazard classes***	
· ***Explosives***	Void
· ***Flammable gases***	Void
· ***Aerosols***	Void
· ***Oxidising gases***	Void
· ***Gases under pressure***	Void
· ***Flammable liquids***	Void
· ***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***	Void
· ***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*** Reacts with strong acids and oxidizing agents
· ***10.4 Conditions to avoid*** No further relevant information available.
· ***10.5 Incompatible materials:*** No further relevant information available.
· ***10.6 Hazardous decomposition products:***
Ammonia
Carbon monoxide and carbon dioxide
Organic decomposition products

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SECTION 11: Toxicological information

· ***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.

· ***LD/LC50 values that are relevant for classification:***		
ATE (Acute Toxicity Estimates)		
Oral	LD50	> 5,543 - 11,085 mg/kg

CAS: 100-51-6 benzyl alcohol		
Oral	LD50	1,200 mg/kg (ATE)
		1,620 mg/kg (Rat)
Dermal	LD50	2,000 mg/kg (rabbit)
Inhalative	LC50	> 4,178 mg/l/4h (Rat) (OECD 403)
CAS: 2855-13-2 isophorone diamine		
Oral	LD50	1,030 mg/kg (Rat) (OECD 401)
Dermal	LD50	> 2,000 mg/kg (Rat) (OECD 402)

· ***Primary irritant effect:***
· ***Skin corrosion/irritation***
Causes severe skin burns and eye damage.
· ***Serious eye damage/irritation***
Causes serious eye damage.
· ***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.
· ***Additional toxicological information:***

· ***Repeated dose toxicity***		
CAS: 2855-13-2 isophorone diamine		
Oral	NOAEL (90d)	60 mg/kg bw/day (Rat) (OECD 408)
CAS: 113930-69-1 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with m-phenylenebis(methylamine)		
Oral	NOAEL (28d)	10 mg/kg bw/day (Rat)
Inhalative	NOAEC (2y)	12.3 mg/m³ (Rat)

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· ***11.2 Information on other hazards***

· ***Endocrine disrupting properties***
None of the ingredients is listed.

SECTION 12: Ecological information

· ***12.1 Toxicity***

· ***Aquatic toxicity:***	
CAS: 100-51-6 benzyl alcohol	
EC50	230 mg/l/48h (Daphnia magna) (OECD 202)
LC50 (static)	460 mg/l/96h (Pimephales promelas) (EPA OPP 72-1)
EC50 (static)	770 mg/l/72h (Raphidocelis subcapitata)
CAS: 2855-13-2 isophorone diamine	
EC50 (static)	23 mg/l/48h (Daphnia magna) (OECD 202)
LC50 (static)	110 mg/l/96h (fish) (EU C.1)
EC50 (static)	37 mg/l/72h (Desmodesmus subspicatus) (EU C.3)

· ***12.2 Persistence and degradability*** The polymeric portion of the product is heavily eliminable.
· ***12.3 Bioaccumulative potential*** No further relevant information available.
· ***12.4 Mobility in soil*** No further relevant information available.
· ***12.5 Results of PBT and vPvB assessment***
· ***PBT:*** Not applicable
· ***vPvB:*** Not applicable
· ***12.6 Endocrine disrupting properties***
The product does not contain substances with endocrine disrupting properties.
· ***12.7 Other adverse effects***
· ***Remark:*** Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
· ***Additional ecological information:***
· ***General notes:***
Do not allow product to reach ground water, water bodies or sewage system.
Danger to drinking water if even small quantities leak into soil.

SECTION 13: Disposal considerations

· ***13.1 Waste treatment methods***
· ***Recommendation***
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
The waste code numbers mentioned are recommendations based on the probable use of the product.
The assignment of a waste code number in accordance with the European Waste Catalogue should be carried out in consultation with the regional waste disposal company.
Do not allow loose material to enter the environment.

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· ***European waste catalogue***	
08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 01 00	wastes from MFSU and removal of paint and varnish
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances
15 00 00	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01 00	packaging (including separately collected municipal packaging waste)
15 01 10*	packaging containing residues of or contaminated by hazardous substances
HP8	Corrosive
HP14	Ecotoxic

· ***Uncleaned packagings:***
· ***Recommendation:***
Dispose of packaging according to regulations on the disposal of packagings.
Non contaminated packagings can be used for recycling.
Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.

SECTION 14: Transport information

· ***14.1 UN number or ID number***	
· ***ADR/RID, IMDG, IATA***	UN2735
· ***14.2 UN proper shipping name***	
· ***ADR/RID, IMDG, IATA***	POLYAMINES, LIQUID, CORROSIVE, N.O.S. (4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with m-phenylenebis(methylamine), ISOPHORONEDIAMINE)
· ***14.3 Transport hazard class(es)***	
· ***ADR/RID***	



· ***Class***	8 (C7) Corrosive substances.

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· **Label**	8
· **IMDG, IATA**	
	
· **Class**	8 Corrosive substances.
· **Label**	8
· **14.4 Packing group**	
· **ADR/RID, IMDG, IATA**	II
· **14.5 Environmental hazards:**	Not applicable
· **14.6 Special precautions for user**	Warning: Corrosive substances.
· **Kemler Number:**	80
· **EMS Number:**	F-A,S-B
· **Segregation groups**	(SGG18) Alkalis
· **Stowage Category**	A
· **Segregation Code**	SG35 Stow "separated from" SGG1-acids
· **14.7 Maritime transport in bulk according to IMO instruments**	Not applicable
· **Transport/Additional information:**	
· **ADR/RID**	
· **Limited quantities (LQ)**	1L
· **Excepted quantities (EQ)**	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· **Transport category**	2
· **Tunnel restriction code**	E
· **IMDG**	
· **Limited quantities (LQ)**	1L
· **Excepted quantities (EQ)**	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml

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· ***UN "Model Regulation":***	UN 2735 POLYAMINES, LIQUID, CORROSIVE, N.O.S. (4,4'-ISOPROPYLIDENEDIPHENOL, OLIGOMERIC REACTION PRODUCTS WITH 1-CHLORO-2,3-EPOXYPROPANE, REACTION PRODUCTS WITH M-PHENYLENEBIS(METHYLAMINE), ISOPHORONEDIAMINE), 8, II

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.

· ***REGULATION (EC) No 1907/2006 ANNEX XVII***

Where applicable, observe the restriction conditions set out in Annex XVII, entry No 78, of Regulation No 1907/2006 for synthetic polymer microparticles (SPM):
Definition of SPM:
(a) are contained in particles and constitute at least 1 % by weight of those particles; or build a continuous surface coating on particles;
(b) at least 1 % by weight of the particles referred to in point (a) fulfil either of the following conditions:
(i) all dimensions of the particles are equal to or less than 5 mm;
(ii) the length of the particles is equal to or less than 15 mm and their length to diameter ratio is greater than 3.

Shall not be placed on the market on their own or, where the synthetic polymer microparticles are present to confer a sought-after characteristic, in mixtures in a concentration equal to or greater than 0,01 % by weight.
Further definitions, conditions, exemptions and deadlines (2–16) must be observed.
Conditions of restriction: 3, 78

· ***Additional information on Entry 78***

This material contains synthetic polymer microparticles (SPM) subject to conditions laid down in Commission Regulation (EU) 2023/2055 (Restriction on intentionally added microplastics, Annex XVII to REACH, Entry 78). Operators may have annual reporting obligations to ECHA since May 2026.
Exemption from the restrictions set out in Annex XVII, No. 78, for synthetic polymer microparticles that are permanently incorporated into a solid matrix during their intended end use.
Preferably clean equipment surfaces mechanically after use e g cloths collect residues as solid waste

· ***Synthetic polymer microparticles***		
CAS: 9002-88-4	Polyethylene Type of polymer: 3901 polymers of ethylene Shape: Elongated	1,10%

· ***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.

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· ***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.

· ***Regulation (EC) No 273/2004 on drug precursors***
None of the ingredients is listed.

· ***Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors***
None of the ingredients is listed.

· ***National regulations***

· ***Information about limitation of use:***
Employment restrictions concerning women of child-bearing age must be observed.
Employment restrictions concerning young persons must be observed.

· ***Water hazard class:***

· ***Substances of very high concern (SVHC) according to REACH, Article 57***
None of the ingredients is contained.

· ***15.2 Chemical safety assessment:*** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information
These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
This safety data sheet meets the requirements of Regulation (EU) 2015/830 and 2020/878 amending Annex II of Regulation (EC) 1907/2006.

· ***Relevant phrases***
The phrases specified here are no labelling elements for the product but repeat the properties of the ingredients from section 3.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.

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· ***Department issuing data specification sheet:***

DEKRA This Safety Data Sheet has been drawn up in cooperation with:
DEKRA Assurance Services GmbH, Hanomagstr. 12, D-30449 Hanover, Germany,
phone: (+49) 511 42079 - 0, reach@dekra.com.

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· ***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
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative
ATE: Acute toxicity estimate values
Acute Tox. 4: Acute toxicity – Category 4
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Skin Sens. 1: Skin sensitisation – Category 1
Skin Sens. 1A: Skin sensitisation – Category 1A
Skin Sens. 1B: Skin sensitisation – Category 1B
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3