

Safety Data Sheet

EQUUNIQUE Sole Protect

In accordance with Regulation (EC) No 1907/2006 (REACH), Annex II, as amended by Regulation (EU) 2020/878

ARTICLE NUMBER	VERSION	DATE	SUPERSEDES
4930062	1.1	2026-10-23	1.0 (2026-10-21)

1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 PRODUCT IDENTIFIER

Trade name	EQUUNIQUE Sole Protect
Article number	4930062
Chemical name	Polycaprolactone (PCL), 2-oxepanone, homopolymer
CAS no.	24980-41-4

1.2 RELEVANT IDENTIFIED USES

Use	Mouldable sole protection for horse hooves. The pellets are heated in warm water (approx. 60 °C) until mouldable and then shaped against the sole of the hoof.
Uses advised against	None identified.

1.3 SUPPLIER

Company	EQUUNIQUE – Uddens Sjögård AB
Address	Udden 2, SE-197 92 Bro, Sweden
Telephone	+46 8 720 00 51
E-mail	info@equunique.se

1.4 EMERGENCY TELEPHONE NUMBER

Emergency (Sweden)	112 – ask for Poison Information
Non-urgent (Sweden)	Swedish Poisons Information Centre, +46 10 456 67 00
Outside Sweden	Contact your national poison centre or emergency number.

2 HAZARDS IDENTIFICATION

2.1 CLASSIFICATION

Regulation (EC) No 1272/2008 (CLP)	Not classified as hazardous. The supplier's safety data sheet states that the product is not a dangerous substance or mixture.
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2.2 LABEL ELEMENTS

Hazard pictograms	None
Signal word	None
Hazard statements	None
Precautionary statements	None

2.3 OTHER HAZARDS

Hot material	Molten material can burn the skin.
Dust	Dust may form explosive mixtures with air (applies to grinding or other dust formation).
Environment	Pellets released into nature and eaten by wildlife or fish may cause satiation or bowel constriction.
PBT/vPvB	No assessment carried out.

3 COMPOSITION/INFORMATION ON INGREDIENTS

3.2 MIXTURE

Ingredient	Polycaprolactone (2-oxepanone, homopolymer)
CAS no.	24980-41-4
Content	≥ 99 % by weight
Classification	Not classified
Additives	No added colourants or pigments.

COMMENT

REACH	Polymers are exempt from registration under Article 2(9) of REACH. The monomer caprolactone (hexan-6-olide, EC no. 207-938-1, CAS no. 502-44-3) is fully registered under REACH, registration number 01-2119485521-38-0024.
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4 FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

Inhalation	Clear nasal passages of dust and particles. If exposed to high levels of decomposition products, move to fresh air and get medical attention if coughing or other symptoms develop.
Skin contact	Remove contaminated clothing. Wash skin with soap and water. Molten material can burn the skin – cool with cold water. Get medical attention if symptoms develop.
Eye contact	Hold eyelids apart and rinse with plenty of water for at least 15 minutes. Get medical attention if symptoms develop.
Ingestion	If fully conscious, rinse mouth and give water to drink.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS

Acute and delayed	None known.
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4.3 IMMEDIATE MEDICAL ATTENTION

Treatment	Treat symptomatically.
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5 FIREFIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Suitable	Powder, foam, AFFF, carbon dioxide (CO ₂), water, water spray.
Unsuitable	Solid water jet – may scatter and spread the fire.

5.2 SPECIAL HAZARDS

Hazards	Dangerous gases and vapours form on decomposition (see section 10). Static charge may build up and cause fire by electrical discharge.
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5.3 ADVICE FOR FIREFIGHTERS

Protective equipment	Evacuate non-essential personnel. Intervention only by trained personnel. Wear self-contained breathing apparatus close to the fire or in confined spaces.
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6 ACCIDENTAL RELEASE MEASURES

6.1–6.4

Personal precautions	Ensure adequate ventilation, especially in confined areas.
Environmental precautions	Do not flush into surface water or sewers. See section 12.
Containment and cleaning up	Take up mechanically and place in suitable containers for disposal. Use an approved industrial vacuum cleaner for larger spills.

7 HANDLING AND STORAGE

7.1 HANDLING

Precautions	Heat the material in warm water as described in the instructions for use. Do not heat above the decomposition temperature (200 °C). For industrial handling: use electrically conductive materials for piping and equipment.
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7.2 STORAGE

Storage	In the original packaging, tightly closed, dry and at room temperature. Protect from temperatures above ambient and from heat and ignition sources.
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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

Exposure limits	The product contains no substances with established occupational exposure limits.
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8.2 EXPOSURE CONTROLS

Engineering controls	Ensure adequate ventilation, especially in confined areas.
Respiratory protection	Suitable respiratory protection if dust forms.
Hand protection	Heat-resistant gloves when handling hot material. For repeated contact: protective gloves of PVC, neoprene or rubber.
Eye protection	Safety glasses with side shields if there is a risk of splashing.
Other	For larger quantities in an industrial setting, a safety shower and eyewash station should be available.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 BASIC PROPERTIES

Physical state	Solid, pellets approx. 3 mm
Colour	White
Odour	Odourless
Melting point	60–65 °C
Boiling point	Not determined
Decomposition temperature	200 °C
Flammability	Non-flammable
Explosive properties	Dust explosion possible
Oxidising properties	Non-oxidising
pH	Not applicable
Vapour pressure	No data available
Solubility	Insoluble in water. Soluble in aromatic solvents and chlorinated hydrocarbons.

9.2 OTHER INFORMATION

Molecular weight (viscosity average)	60,000 ± 5,000
Melt flow index (MFI)	12–26 g/10 min (2.16 kg, 160 °C)
Water content	Max. 1 %
Elongation at break	1,700 %

10 STABILITY AND REACTIVITY

10.1–10.6

Reactivity	No specific test data available. See below.
Chemical stability	Stable under normal conditions of use.
Hazardous reactions	None under normal handling. Hazardous polymerisation will not occur.
Conditions to avoid	Overheating and moisture.
Incompatible materials	Acids and alkalis.
Hazardous decomposition products	Carbon monoxide and carbon dioxide in a fire, carbon particles, caprolactone (monomer).

11 TOXICOLOGICAL INFORMATION**11.1 INFORMATION ON HAZARD CLASSES**

Acute toxicity	No data available
Irritation	No data available
Sensitisation	No data available
Chronic toxicity	No data available
Carcinogenicity	No component present at $\geq 0.1\%$ is identified as a probable, possible or confirmed human carcinogen (according to the supplier's safety data sheet, OSHA).

12 ECOLOGICAL INFORMATION**12.1–12.7**

Toxicity	No data available
Persistence and degradability	No data available
Bioaccumulation	No data available
PBT/vPvB	No assessment carried out.
Other adverse effects	Ingestion of pellets by wildlife and fish may cause satiation or bowel constriction. Avoid spills into the environment.

13 DISPOSAL CONSIDERATIONS**13.1 WASTE TREATMENT METHODS**

Product	Not classified as hazardous waste. Incinerate at a licensed facility, in accordance with local regulations.
Packaging	Completely emptied and clean packaging may be recycled.

14 TRANSPORT INFORMATION**14.1–14.7**

UN number	Not applicable
Classification	Not regulated as dangerous goods for road, rail, sea or air transport (ADR/RID, IMDG, IATA).

15 REGULATORY INFORMATION**15.1 REGULATIONS**

EU legislation	Regulation (EC) No 1907/2006 (REACH). Regulation (EC) No 1272/2008 (CLP).
Registration	Polymers are exempt from registration (REACH Art. 2(9)). Monomer caprolactone: reg. no. 01-2119485521-38-0024.

15.2 CHEMICAL SAFETY ASSESSMENT

Assessment	No chemical safety assessment has been carried out.
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OTHER INFORMATION

BASIS

Sources	Raw material manufacturer's safety data sheet (rev. 2023-05-02), technical data sheet (valid from 2019-03-20) and REACH registration certificate for the monomer.
NFPA rating	Health 0 · Flammability 1 · Instability 0
HMIS rating	Health 0 · Fire 1 · Reactivity 0
Version	1.1 – correction in section 5.1 (CO ₂), 2026-10-23. Supersedes 1.0 (first edition, 2026-10-21).

DISCLAIMER

This information is based on our current knowledge and experience of the product and is not exhaustive. It applies to the product as supplied. When combined with other materials, the user must make sure that no new hazards arise. The user is responsible for complying with all applicable laws and regulations.