SAFETY DATA SHEET

STRUKTORR PRO PU40+

In accordance with Regulation (EC) No 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878. · Issue date: 2026-07-21 · Version 1.0

01 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY

Product identifier — Struktorr Pro PU40+ (mixture)

Product code — STR-PU40

Relevant identified uses — One-component polyurethane joint sealant. Professional use only.

Uses advised against — Any use other than the identified uses above.

Supplier — STRUKTOR PRO BULGARIA Ltd. (СТРУКТОР ПРО БЪЛГАРИЯ ООД), 149 Brezovsko Shose St., 4003 Plovdiv, Bulgaria. · e-mail: info@struktorr.com

Emergency telephone — National Poison Information Centre (UMHATEM "N. I. Pirogov", Sofia): +359 2 9154 409 · European emergency number: 112 (24 h)

02 HAZARDS IDENTIFICATION

2.1 Classification (Regulation (EC) No 1272/2008, CLP): Not classified.

2.2 Label elements. No hazard pictogram or signal word required.

Precautionary statements — P402+P404 — Store in a dry place; store in a closed container. P501 — Dispose of contents to a hazardous or special waste collection point in accordance with local/national regulation.

Supplemental (EUH) — EUH204 — Contains isocyanates. May produce an allergic reaction. EUH208 — Contains reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate (1065336-91-5). May produce an allergic reaction. EUH210 — Safety data sheet available on request.

2.3 Other hazards — Contains no PBT / vPvB substances ≥ 0.1% (REACH Annex XIII). No endocrine-disrupting substances ≥ 0.1%.

Restriction (Annex XVII, entry 74): from 24 Aug 2023, industrial and professional use of products containing diisocyanates ≥ 0.1% is allowed only where the user has completed the required training on safe use.

03 COMPOSITION / INFORMATION ON INGREDIENTS

Mixture. Hazardous components:

Name	Identifiers	%	Classification (CLP)
Reaction mass of ethylbenzene and m-xylene and p-xylene	EC 905-562-9 REACH 01-2119488216-32	< 2	Flam. Liq. 3, H226; Acute Tox. 4 (Dermal), H312; Acute Tox. 4 (Inhal.), H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335; STOT RE 2, H373; Asp. Tox. 1, H304; Aquatic Chronic 3, H412
Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	CAS 1065336-91-5 EC 915-687-0 REACH 01-2119491304-40	< 0.1	Skin Sens. 1A, H317; Repr. 2, H361f; Aquatic Acute 1, H400; Aquatic Chronic 1, H410

Full text of H- and EUH-statements: see Section 16.

04 FIRST-AID MEASURES

General — Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation — Move to fresh air and allow the person to rest.

Skin contact — Remove affected clothing; wash exposed skin with mild soap and water, then rinse with warm water.

Eye contact	Rinse immediately with plenty of water. Seek medical attention if pain, blinking or redness persists.
Ingestion	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
Symptoms / effects	Not expected to present a significant hazard under normal conditions of use.

05 FIRE-FIGHTING MEASURES

Suitable media	Foam, dry powder, carbon dioxide, water spray, sand.
Unsuitable media	Do not use a heavy water stream.
Advice for firefighters	Use water spray/fog to cool exposed containers. Prevent fire-fighting water from entering the environment. Do not enter the fire area without proper protective equipment, including respiratory protection.

06 ACCIDENTAL RELEASE MEASURES

Personal precautions	Evacuate unnecessary personnel. Ventilate the area. Equip cleanup crew with proper protection.
Environmental precautions	Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.
Cleaning up	Soak up spills with inert solids (clay, diatomaceous earth). Collect spillage and store away from other materials.

07 HANDLING AND STORAGE

Safe handling	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in the process area to prevent formation of vapour.
Storage	Keep only in the original container in a cool, well-ventilated place away from heat sources. Keep the container closed when not in use.
Incompatibilities	Sources of ignition; direct sunlight.

08 EXPOSURE CONTROLS / PERSONAL PROTECTION

DNEL / PNEC — reaction mass of ethylbenzene and m-xylene and p-xylene:

Parameter	Value
Workers — long-term, inhalation (systemic)	77 mg/m³
Workers — long-term, dermal	180 mg/kg bw/day
General population — long-term, inhalation	15 mg/m³
PNEC aqua (freshwater / marine)	44 / 4.4 µg/L
PNEC soil / STP	852 µg/kg · 1.6 mg/L

Eye / face	Safety glasses with side shields.
Hands / skin	Wear protective gloves.
Respiratory	In case of inadequate ventilation wear respiratory protection (refer to EN 529).
Environmental	Avoid release to the environment. Do not eat, drink or smoke during use.

09 PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid (viscous)	**pH**	Not applicable (solvent-based)
Colour	White, black, grey, red, beige, brown	**Viscosity, kinematic**	> 20.5 mm^2/s
Odour	Characteristic	**Explosive properties**	Not explosive
Flammability	Non-flammable	**Oxidising properties**	Not oxidising
Flash point	> 65 °C	**VOC content**	29 g/L

10 STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions.
Hazardous reactions	None under normal use.
Conditions to avoid	Direct sunlight; extremely high or low temperatures.
Incompatible materials	None known.
Hazardous decomposition	Fume, carbon monoxide, carbon dioxide.

11 TOXICOLOGICAL INFORMATION

Acute toxicity (oral / dermal / inhalation): Not classified. Skin corrosion/irritation, serious eye damage, sensitisation, mutagenicity, carcinogenicity, reproductive toxicity, STOT and aspiration hazard: Not classified for the mixture (classification criteria not met on available data).

Component	Endpoint
Ethylbenzene / xylene reaction mass	LD50 oral rat 3523 mg/kg · LD50 dermal rabbit 12126 mg/kg · LC50 inhal. rat 27.1 mg/L/4h
Piperidyl sebacate reaction mass	LD50 oral rat 3230 mg/kg · LD50 dermal rat 3170 mg/kg

12 ECOLOGICAL INFORMATION

Aquatic toxicity (mixture)	Not classified (acute or chronic).
Component data	Xylene r.m.: LC50 fish 2.6 mg/L (96h); NOEC chronic fish 1.29 mg/L. Piperidyl r.m.: LC50 fish 900 µg/L.
Persistence / degradability	Components rapidly degradable; no data for the mixture.
Other adverse effects	Avoid release to the environment.

13 DISPOSAL CONSIDERATIONS

Product / packaging	Dispose of in a safe manner in accordance with local and national regulations.
European List of Waste	08 04 10 — waste adhesives and sealants other than those mentioned in 08 04 09.

14 TRANSPORT INFORMATION

Not classified as dangerous goods under ADR / RID / IMDG / IATA / ADN. UN number, proper shipping name, hazard class, packing group and environmental hazards: **Not applicable**.

15 REGULATORY INFORMATION

REACH Annex XVII / XIV / SVHC	Contains no substance listed on the Restriction, Authorisation or Candidate lists (except diisocyanate training requirement, see Section 2).
VOC (Directive 2004/42/EC)	29 g/L.
National — Germany	Water hazard class WGK 3 — highly hazardous to water (AwSV, Annex 1).
National — Denmark	Persons with asthma, eczema, chronic lung disease or isocyanate allergies should not work with the material. Observe requirements on work with isocyanates.
Chemical safety assessment	No data available.

16 OTHER INFORMATION

Full text of H- and EUH-statements (Sections 2 & 3):

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.
H332 — Harmful if inhaled.
H335 — May cause respiratory irritation.
H361f — Suspected of damaging fertility.
H373 — May cause damage to organs through prolonged or repeated exposure.
H400 — Very toxic to aquatic life.
H410 — Very toxic to aquatic life with long-lasting effects.

H412 — Harmful to aquatic life with long-lasting effects.
EUH204 — Contains isocyanates. May produce an allergic reaction.
EUH208 — Contains sensitising substance. May produce an allergic reaction.
EUH210 — Safety data sheet available on request.

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process