SAFETY DATA SHEET

STRUKTORR PRO PU40 EXPRESS

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 Express (mixture)
Product code	STR-PU40X
Relevant identified uses	One-component, high-modulus polyurethane sealant for construction and automotive use. Professional use.
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	European emergency number: 112 (24 h) · National Poison Information Centre (UMHATEM "N. I. Pirogov", Sofia): +359 2 9154 409

02 HAZARDS IDENTIFICATION

2.1 Classification (Regulation (EC) No 1272/2008, CLP): Skin Sens. 1, H317; Resp. Sens. 1, H334; Carc. 2, H351.



DANGER

Signal word: Danger · Pictograms: GHS08, GHS07.

Hazard statements	H317 — May cause an allergic skin reaction. H334 — May cause allergy or asthma symptoms or breathing difficulties if inhaled. H351 — Suspected of causing cancer.
Precautionary statements	P201 — Obtain special instructions before use. P202 — Do not handle until all safety precautions have been read and understood. P261 — Avoid breathing vapours/mist/spray. P272 — Contaminated work clothing should not be allowed out of the workplace. P280 — Wear protective gloves, clothing and eye/face protection. P284 — Wear respiratory protection. P304+P340 — IF INHALED: remove to fresh air and keep at rest in a position comfortable for breathing. P342+P311 — If experiencing respiratory symptoms: call a POISON CENTER/doctor. P302+P352 — IF ON SKIN: wash with plenty of soap and water. P333+P313 — If skin irritation or rash occurs: get medical advice. P501 — Dispose of contents/container in accordance with national regulations.
2.3 Other hazards	Contains isocyanates (MDI) — may produce an allergic reaction (EUH204). Contains no PBT / vPvB substances (REACH Annex XIII).

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

03 COMPOSITION / INFORMATION ON INGREDIENTS

Mixture. Hazardous components:

Name	Identifiers	% w/w	Classification (CLP)
Xylene	CAS 1330-20-7 EC 215-535-7	< 10	Flam. Liq. 3, H226; Acute Tox. 4 (Dermal), H312; Skin Irrit. 2, H315; Acute Tox. 4 (Inhal.), H332
Trimethoxy[3-(oxiranylmethoxy)propyl]silane	CAS 2530-83-8 EC 219-784-2	< 1	Eye Dam. 1, H318
4,4′ -Methylenediphenyl diisocyanate (MDI)	CAS 101-68-8 EC 202-966-0	< 5	Skin Irrit. 2, H315; Skin Sens. 1, H317; Eye Irrit. 2, H319; Acute Tox. 4 (Inhal.), H332; Resp. Sens. 1, H334; STOT SE 3, H335; Carc. 2, H351; STOT RE 2, H373

Full text of H-statements: see Section 16.

04 FIRST-AID MEASURES

Eye contact Remove contact lenses if present and open the eyelids well. Wash with water. Get medical help immediately.

Skin contact Wash with water. If discomfort persists, seek medical help. If adhesion to the skin occurs, do not force it apart.

Inhalation Remove to fresh air; keep warm and at rest in a position comfortable for breathing; keep airways open; loosen tight clothing; wash nose and mouth with water. Seek medical attention if symptoms are severe or persistent.

Ingestion Rinse mouth. If discomfort persists, seek medical help.

Symptoms / effects May cause an allergic skin reaction and respiratory sensitisation (allergy, asthma, breathing difficulties).

05 FIRE-FIGHTING MEASURES

Suitable media Water spray, dry chemical powder, carbon dioxide.

Unsuitable media Do not use a high-pressure water jet.

Special hazards May form explosive gas-air mixtures; may form toxic gases on overheating or in a fire.

Advice for firefighters Avoid inhaling fire gases. Cool exposed containers with water spray. Wear positive-pressure self-contained breathing apparatus and protective clothing to EN 469.

06 ACCIDENTAL RELEASE MEASURES

Personal precautions See Section 8. Avoid dust and vapour. Ensure adequate ventilation and use suitable protective equipment.

Environmental precautions Avoid mixing with sewage, surface water or groundwater.

Cleaning up Reuse or recycle where possible. Collect with a shovel or broom and seal in suitable waste containers. Wash the area with plenty of water and dispose of contents/container per national regulations.

07 HANDLING AND STORAGE

Safe handling Keep out of the reach of children. Wear protective clothing. Keep away from food, drink and feed. Keep containers tightly sealed when not in use. Bonds skin and eyes within seconds — wash skin immediately if contaminated.

Storage Keep only in the original container, in a cool, well-ventilated place. Protect from moisture and water.

Incompatibilities Moisture; water.

08 EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure limits / DNEL — Xylene (CAS 1330-20-7):

Parameter	Value
OEL — TWA (8 h)	50 ppm · 221 mg/m³
OEL — STEL (15 min), skin	100 ppm · 442 mg/m³
DNEL workers — dermal, long-term systemic	221 mg/m³
DNEL workers — dermal, short-term systemic	442 mg/m³

Eye / face Eye protection to an approved standard if a risk of eye contact exists.

Hands / skin Wear protective gloves.

Respiratory Provide adequate ventilation; if insufficient, wear suitable respiratory protection.

Hygiene Wash hands after handling and at the end of each shift, before eating, smoking or using the toilet. Do not eat, drink or smoke while working.

09 PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Pasty	**pH (20°C)**	7
Colour	White, grey, black, dark red, brown	**Boiling range**	from 130 °C
Odour	Characteristic	**Density (20°C)**	1.17 g/cm³
Flash point	> 65 °C	**Self-ignition**	Not self-igniting
Ignition temperature	500 °C	**Explosive properties**	Not determined

10 STABILITY AND REACTIVITY

Chemical stability No hazardous polymerisation under normal storage and handling conditions.

Hazardous reactions None known.

Conditions to avoid Moisture; water; heat.

Incompatible materials Water and moisture.

Hazardous decomposition On overheating or fire: carbon monoxide, toxic gases and isocyanate vapours.

11 TOXICOLOGICAL INFORMATION

Acute toxicity Not classified for the mixture. Xylene: LD50 oral rat > 2000 mg/kg; LD50 dermal 1466.67 mg/kg; LC50 inhal. 12.09 mg/L/4h. MDI: LD50 oral rat 9200 mg/kg; LC50 inhal. 178 mg/L/4h.

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/irritation Not classified for the mixture.

Respiratory / skin sensitisation May cause allergy, asthma or breathing difficulties if inhaled; may cause an allergic skin reaction.

Carcinogenicity Suspected of causing cancer (H351).

STOT Single exposure: may cause respiratory-tract irritation. Repeated exposure: not classified for the mixture.

12 ECOLOGICAL INFORMATION

Toxicity No test data for the product. Xylene: EC50 1 mg/L; LC50 2.2 mg/L.

Persistence / degradability No data available.

Bioaccumulation / mobility No data available.

PBT / vPvB No ingredients classified as PBT or vPvB.

13 DISPOSAL CONSIDERATIONS

Waste treatment	Minimise or avoid waste generation. Dispose of surplus and non-recyclable product via a licensed waste-disposal contractor. Collect waste, residues, empty containers and contaminated materials in labelled containers.
European List of Waste	08 04 09* – waste adhesives and sealants containing organic solvents or other hazardous substances (indicative, hazardous).

14 TRANSPORT INFORMATION

Not covered by international dangerous-goods regulations (ADR / RID / IMDG / IATA). UN number, proper shipping name, hazard class, packing group: **Not applicable**. Not a marine pollutant.

15 REGULATORY INFORMATION

EU legislation	Regulation (EC) No 1272/2008 (CLP); Regulation (EC) No 1907/2006 (REACH); Directive 2008/98/EC (waste).
REACH Annex XVII (diisocyanates)	Entry 74 – training required for industrial/professional use of products containing diisocyanates ≥ 0.1% (since 24 Aug 2023).
SVHC / Authorisation	Contains no substance on the Candidate or Authorisation lists.
Chemical safety assessment	No chemical safety assessment has been carried out for the mixture.

16 OTHER INFORMATION

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

H226 – Flammable liquid and vapour.
H312 – Harmful in contact with skin.
H315 – Causes skin irritation.
H317 – May cause an allergic skin reaction.
H318 – Causes serious eye damage.
H319 – Causes serious eye irritation.
H332 – Harmful if inhaled.
H334 – May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 – May cause respiratory irritation.
H351 – Suspected of causing cancer.
H373 – May cause damage to organs through prolonged or repeated exposure.
EUH204 – Contains isocyanates. May produce an allergic reaction.

Abbreviations: Flam. Liq. 3 – Flammable liquid, Cat. 3; Acute Tox. 4 – Acute toxicity, Cat. 4; Skin Irrit. 2 – Skin irritation, Cat. 2; Eye Dam. 1 – Serious eye damage, Cat. 1; Eye Irrit. 2 – Eye irritation, Cat. 2; Skin Sens. 1 – Skin sensitisation, Cat. 1; Resp. Sens. 1 – Respiratory sensitisation, Cat. 1; STOT SE 3 / RE 2 – Specific target organ toxicity (single / repeated), Cat. 3 / 2; Carc. 2 – Carcinogenicity, Cat. 2.

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