

TOUGHSEAL PU



Material Safety Data Sheet

PRODUCT AND COMPANY IDENTIFICATION

Product Name: TOUGHSEAL PU
Chemical Family: One Component Non Sag Polyurethane Sealant
Manufacturer: Starke Construction Chemicals
Tel. +256 787 288 087
Email: info@starkepolymers.com
Website: www.Starke polymers.com

HAZARD DESCRIPTION:

Xn Harmful

Information concerning particular hazards for human and environment: The product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R36 Irritating to eyes.

R42/43 May cause sensitization by inhalation and skin contact.

Contains isocyanates.

Keep away from sources of ignition - No smoking.

Keep out of the reach of children.

Classification of the GHS

(Annex VI to Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Dangerous Substances)

PHYSICAL HAZARDS

Not classified

HEALTH HAZARDS

Acute toxicity (Oral) - Category 4

Skin sensitization - Category 2

ENVIRONMENTAL HAZARDS

Not classified

GHS label elements

Pictograms or hazard symbols



HAZARD STATEMENT

H313: May be harmful in contact with skin

H333: May be harmful if inhaled

PRECAUTIONARY STATEMENTS

P261-Avoid breathing.

P270-Do not eat, drink or smoke when using this product.

P272-Contaminated work clothing should not be allowed out of the workplace.

P264-Wash hands thoroughly after handling.

P280- gloves/eye protection/face protection.

RESPONSE

P301+P312-IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

P305+P351+P338-IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P302+P352-IF ON SKIN: Gently wash with plenty of soap and water.

P333+P313-If skin irritation or rash occurs: Get medical advice/attention.

P363-Wash contaminated clothing before reuse.

P310-Immediately call a POISON CENTER or doctor/physician.

STORAGE

P403: Store in a well ventilated place

DISPOSAL

P501-Dispose of contents/container through a waste management company authorized by the local government

COMPOSITION / INFORMATION ON INGREDIENTS

Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Ingredients: 4,4-methylenediphenyl diisocyanate, Glycidyloxypropyltrimethoxysilane Xylene

CAS No. 101-68-8, 2530-83-81, 330-20-7

EINECS No. 202-966-0, 219-784-2, 215-535-7

Conc. (% w/w): 0.1-1%, 0.1-2%, 0.1-0.5%

Classification: Xn; R 42/43, Xn; R 36, Xn; R 10

FIRST-AID MEASURES

General information : Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

After inhalation : Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation.

After skin contact : Immediately wash with water and soap and rinse thoroughly.

After eye contact : Rinse opened eye for at least 15 minutes under running water. Consult a doctor.

After swallowing : If symptoms persist consult doctor.

FIRE-FIGHTING MEASURES

Protective equipment : Mount respiratory protective device and wear protective equipment.

Suitable extinguishing agents: CO₂, sand, extinguishing powder. Do not use water.

For safety reasons unsuitable extinguishing agents: Water with full jet.

ACCIDENTAL RELEASE MEASURES

Person-related safety precautions: Wear protective equipment. Keep unprotected persons away.

Measures forenvironmental protection: Do not allow to enter sewers/ surface or ground water.

Measures for cleaning/collecting: Ventilate area of spill; flood slowly with water to polymerase, absorb with sand / earth and dispose to chemical waste bin.

Dispose in accordance with pertinent national legislation.

HANDLING AND STORAGE

- Avoid contact and inhalation of the vapor
- Do not eat or drink while working
- Do not smoke while working

Storage:

- Keep container tightly closed and dry in a cool, well-ventilated place
- Keep away from food, beverages and animal feedstock
- Protect from frost
- Protect from heat and direct sunlight
- Protect from atmospheric moisture and water

EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection equipment:

- General protective and hygiene measures
- Take care for sufficient ventilation or exhaust on the workshop place
- Avoid contact with eyes and skin
- Use barrier skin cream
- Remove soiled or soaked clothing immediately
- Do not eat, drink or smoke during work time
- Wash hands before breaks and after work

Hand protection:

- Butyl rubber/nitrile rubber gloves

Eye protection:

- Safety glasses

Additional Information:

- Wash hands before eating, drinking, smoking and using the toilet.

PHYSICAL AND CHEMICAL PROPERTIES

Form : Paste

Colour : Various colours

Odour : Characteristic

pH value : Undetermined

Specific gravity : 1.24 ± 0.02 g/cm³

Solubility in water : Reacts with water

VOC % : <5

STABILITY AND REACTIVITY

Chemical stability: This material is thermally stable when stored and used as directed.

Conditions to avoid: No hazardous reactions when stored and handled according to prescribed instructions.

Hazardous decomposition products: Oxides of carbon and nitrogen, smoke and other toxic fumes.
10.4 Hazardous reactions: No information available.

TOXICOLOGICAL INFORMATION

Acute Toxicity

LD/LC50 values relevant for classification:

1330-20-7 Xylene : No data available

101-68-8 4,4'-methylenediphenyl diisocyanate : Oral LD50

Acute Effects

Sensitization: Allergic reaction can occur with sensitive persons.

Inhalation: Material may cause irritation.

Skin contact: May cause irritation.

Eye contact: May cause irritation.

Long term effects

No information available for product.

ECOLOGICAL INFORMATION

Environmental fate and distribution: Solid material, insoluble in water. Do not allow to enter waste water drain, waterways or soil

DISPOSAL CONSIDERATION

Product disposal: Dispose of in accordance with local regulations. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

Packaging disposal:

Dispose of in accordance with local regulations. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

TRANSPORT INFORMATION

ADR This material is not classified as dangerous under ADR regulations.

RID This material is not classified as dangerous under RID regulations.

IMDG This material is not classified as dangerous under IMDG regulations.

IATA This material is not classified as dangerous under IATA regulations.

REGULATORY INFORMATION

Description of the Phrase Codes: Labelling in accordance with directives CLP and 1999/45/EC



Risk Phrases

R10 Flammable

R36 Irritating to eyes.

R42/43 May cause sensitization by inhalation and skin contact.

Safety Phrases

1/2 Keep locked up and out of the reach of children.

23 Do not breathe vapor.

36/37 Wear suitable protective clothing and gloves.

45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

46 If swallowed, seek medical advice immediately and show this container or label.

63 In case of accident by inhalation: remove casualty to fresh air and keep at rest.

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- **Surface treatments**
- **Grouts and anchors.**
- **Concrete repair.**
- **Flooring Coating**
- **Sealants.**
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- **Adhesives.**



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Important note :

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