

MONOGUARD PU



Material Safety Data Sheet

PRODUCT AND COMPANY IDENTIFICATION

Product Name: MONOGUARD PU
Chemical Family: Polyurethane liquid membrane for waterproofing and protection
Manufacturer: Starke Construction Chemicals
Tel. +256 787 288 087
Email: info@starkepolymers.com
Website: www.Starke polymers.com

HAZARDS IDENTIFICATION

Classification of the substance or mixture

CLP: Resp. Sens. 1, Skin Sens. 1, Flam. Liq. 3, Skin Irrit. 2, Eye Dam. 1, Carc. 2, Repr. Cat. 1B, STOT SE 3, STOT RE 2

Label elements



Signal Word: Danger Hazard statements

H373 - May cause damage to organs through prolonged or repeated exposure.

H315 - Causes skin irritation.

H318 - Causes serious eye damage.

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317 - May cause an allergic skin reaction.

EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

EUH204 - Contains isocyanates. May produce an allergic reaction.

H226 - Flammable liquid and vapour.

H351 - Suspected of causing cancer.

H360FD - May damage fertility. May damage the unborn child.

COMPOSITION / INFORMATION ON INGREDIENTS

Mixtures

bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP

CAS Number: 117-81-7
EC Number: 204-211-0
Concentration: 10 - 20%
Categories: Repr. Cat. 1B

Specific Concentration Limits: No information available

M factor: No information available
Acute toxicity estimate: Not available

Symbols: GHS08

H Statements: H360FD

Calcium oxide

CAS Number: 1305-78-8
EC Number: 215-138-9
Concentration: 1 - 5%

Categories: Skin Irrit. 2, Eye Dam. 1, STOT SE 3

Specific Concentration Limits: No information available

M factor: No information available
Acute toxicity estimate: Not available

Symbols: GHS05, GHS07

H Statements: H315, H318, H335
 [3-(2,3-epoxypropoxy)propyl]trimethoxysilane CAS
Number: 2530-83-8

EC Number: 219-784-2

Concentration: < 0.5%

Categories: Eye Dam. 1

Specific Concentration Limits: No information available

M factor: No information available

Acute toxicity estimate: Not available

Symbols: GHS05

H Statements: H318

FIRST-AID MEASURES

Description of first aid measures

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical attention if patient feels unwell or if discomfort continues.

If experiencing respiratory symptoms: Call a POISON CENTER/doctor/ IF exposed or concerned: Get medical advice/attention.

Contact with skin

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of soap and water. Contaminated clothing should be laundered before reuse. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. IF exposed or concerned: Get medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention.

Ingestion

Do NOT induce vomiting. If swallowed, rinse mouth with water (only if the person is conscious) IF exposed or concerned: Get medical advice/attention.

Most important symptoms and effects, both acute and delayed Causes damage to organs through repeated or prolonged exposure

May cause allergic reaction in susceptible people. Contact with eyes

Irritating to eyes

Contact with skin Irritating to skin

Inhalation

In cases of severe exposure, asthma may develop

In cases of severe exposure, breathing difficulty may develop. Indication of any immediate medical attention and special treatment needed

Immediately call a POISON CENTER or doctor/physician.

FIRE-FIGHTING MEASURES

Extinguishing media: In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide. Do not use water jets

Special hazards arising from the substance or mixture: Burn-

ing produces irritating, toxic and obnoxious fumes.- Flammable liquid and vapour. Vapours may form explosive mixtures with air.

Nitrogen and carbon oxides may be formed

Advice for firefighters: Wear self contained breathing apparatus and full protective clothing

Do not allow run-off water to enter sewers and water sources. Water spray should be used to cool containers

ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- . Avoid contact with skin and eyes
- . Avoid breathing dust/ fume/ gas/ mist/ vapours /spray.
- . Wash thoroughly after dealing with spillage
- . Wear suitable protective clothing
- . Ensure adequate ventilation
- . Keep away from heat and sources of ignition
- . Do not smoke

Environmental precautions

- . Avoid release to the environment.
- . Do not allow to enter public sewers and watercourses
- . Prevent further spillage if safe

HANDLING AND STORAGE

Precautions for safe handling

- . Use explosion-proof [electrical/ventilating/lighting/
- . Use non-sparking tools.
- . Take action to prevent static discharges.
- . Do not breathe dust/fume/gas/mist/vapours/spray.
- . Wash thoroughly after handling.

STORAGE

- . Ground and bond container and receiving equipment.
- . Use explosion-proof ventilating and lighting equipment.
- . Store in a well-ventilated place. Keep cool.
- . Store between + 5° C and +35°C protect from frost and direct sunlight.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

There are no recommended or established controls for this product

Exposure controls

- . Contaminated work clothing should not be allowed out of the workplace.
- . Wear suitable protective clothing, eye/face protection and gloves
- . Use personal protective equipment as required.
- . In case of inadequate ventilation wear respiratory protection

PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Various
Odour:	Characteristic odour
Melting point/Range:	Not available
Boiling Point/Range:	No data available
Flammability:	No information
Lower explosive limit:	NA% (in air)
Upper explosive limit:	NA% (in air)
Flashpoint:	35°C
Autoignition Temperature:	NA
Decomposition temperature:	NA
pH:	No information
Kinematic viscosity:	NA mm ² /s
Solubility:	NA
Vapour Pressure:	Not available
Density:	1.35 ± 0.05 g/cm ³
Vapour Density:	Not available
Particle characteristics:	NA
Solubility in water:	Immiscible with water

STABILITY AND REACTIVITY

Chemical stability

Considered stable under normal conditions

Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose

Conditions to avoid

Avoid exposure to high temperature or direct sunlight.

Keep at temperature not exceeding 35 °C

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Keep away from air and moisture

Incompatible materials

Avoid contact with water. Incompatible with acids and alkalis. Incompatible with alcohols. Incompatible with amines

Hazardous decomposition products

Combustion may emit toxic fumes. Decomposition products may include nitrogen and carbon oxides

TOXICOLOGICAL INFORMATION

Information on toxicological effects

- No information available

Information on other hazards

Endocrine disrupting properties No Information Available

Information on other hazards No Information Available

ECOLOGICAL INFORMATION

Toxicity- No information available

Persistence and degradability- No information available

Bioaccumulative potential-No information available

Mobility in soil - immiscible with water

DISPOSAL CONSIDERATION

1 Waste treatment methods

. Disposal should be in accordance with local, state or national legislation

. Avoid release to the environment. Refer to special instructions/Safety data sheets

. Do not empty into drains - dispose of this material and container in a safe way

. Dispose of contents/container to an authorised waste collection point

TRANSPORT INFORMATION



Air (ICAO/IATA)

ICAO UN No.: 1139

-Proper Shipping Name: COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining)

ICAO Hazard Class: 3

ICAO Packing Group: III

Road/Rail (ADR/RID)

ADR UN No.: 1139

Proper Shipping Name: COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining)

ADR Hazard Class: 3

ADR Packing Group: III

Sea (IMDG)

IMDG UN No.: 1139

Proper Shipping Name: COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining)

proper shipping name Not applicable.

Transport hazard class(es) Not applicable.

Packing group Not applicable.

More from starke construction chemicals A wide range of construction chemical products are manufactured by STARKE which include:

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

REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

This Safety Data Sheet is provided in compliance with the EC Regulations 1907/2006, 1272/2008, 2015/830 and 2020/878

Chemical safety assessment

A chemical safety assessment (CSA) for this product has not yet been completed

**Important note :**

Starke range products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Starke endeavours to ensure that any advice, recommendation specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products whether or not in accordance with any advice, specification, recommendation, opinion or information given by it.

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