

DECK COAT EPU



Material Safety Data Sheet

PRODUCT AND COMPANY IDENTIFICATION

Product Name: DECK COAT EPU

Chemical Family: Two Part Solvent Free Flexible Epoxy
Polyurethane Coating

Manufacturer: Starke Construction Chemicals
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COMPOSITION / INFORMATION ON INGREDIENTS

Material	CAS#	Percentage	Categories	Symbols	H statements
Polyoxypropylenediamine	9046-10-0	15 – 40	Skin Corr. 1C, Eye Dam. 1, Aquatic Chronic 3	GHS05	H314, H318, H412
Nonyl phenol	25154-52-3	10 – 30	Acute Tox. 4, Skin Corr. 1B, Repr. 2, Aquatic Acute 1, Aquatic Chronic 1	GHS08, GHS05, GHS07, GHS09	H361fd, H302, H314, H400, H410
2-piperazin-1-ylethylamine	140-31-8	10 – 30	Acute Tox. 3, Repr. 2, STOT RE 1, Skin Corr. 1B, Eye Dam. 1, Acute Tox. 4, Skin Sens. 1, Aquatic Chronic 3	GHS06, GHS08, GHS05, GHS07	H311, H361, H372, H314, H318, H302, H317, H412

HAZARDS IDENTIFICATION

Classification of the substance or mixture

CLP: Acute Tox. 4, Acute Tox. 3, Skin Sens. 1, Skin Corr. 1B, Aquatic Chronic 3 Label elements



Hazard statements

H302 - Harmful if swallowed. H311 - Toxic in contact with skin.

H314 - Causes severe skin burns and eye damage.

H317 - May cause an allergic skin reaction.

H412 - Harmful to aquatic life with long lasting effects.

P273 - Avoid release to the environment.

P264 - Wash thoroughly after handling

Other hazards

Contains: Polyoxypropylenediamine Nonyl phenol
1-(2-Aminoethyl) piperazine (AEP)

FIRST AID MEASURES

Inhalation

IF INHALED: Remove person to fresh air and keep com-

fortable for breathing. Get medical attention if patient feels unwell or if discomfort continues.

Contact with skin

IF ON SKIN (or hair): Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

Contact with eyes

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

Ingestion

Do NOT induce vomiting.

Get immediate medical advice/attention.

Give water or milk to drink

Never give anything by mouth to an unconscious person Get immediate medical advice/attention.

FIRE FIGHTING MEASURES

Extinguishing Media: Water fog or fine spray, CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam. Do not use water jets

Special hazards arising from the substance or mixture-

May give off noxious and toxic fumes in a fire

Nitrogen and carbon oxides may be formed

Advice for firefighters -Do not allow run-off water to enter sewers and water sources. Wear self contained breathing apparatus and full protective clothing Avoid breathing dust/fume/gas/mist/vapours/spray.

In case of fire: Evacuate area. May give off noxious and toxic fumes in a fire

ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Wear protective clothing as per section 8. Do not breathe dust/fume/gas/mist/

vapours/spray. Evacuate the area and keep personnel upwind. Wash thoroughly after dealing with spillage. Avoid contact with skin and eyes

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

Methods and material for containment and cleaning up: -Avoid release to the environment.

Collect as much as possible in clean container for reuse or disposal. Soak up with inert absorbent. Place in appropriate container. Wear suitable protective clothing, eye/face protection and gloves. Ensure adequate ventilation

HANDLING AND STORAGE

Handling: -Keep away from food, drink and animal foodstuffs. Use good personal hygiene practices. Store in original, correctly labelled and tightly closed containers. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Contaminated work clothing should not be allowed out of the workplace.

Storage: -Store in original, correctly labelled and tightly closed containers. Store in a dry environment away from direct sunlight. Store in a cool, dry, well ventilated area. Keep away from food, drink and animal feedingstuffs

EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ensure adequate ventilation. Avoid contact with skin and eyes. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product.

In case of inadequate ventilation wear respiratory protection. Keep away from food, drink and animal feedingstuffs. Wash thoroughly after handling. Wear suitable protective clothing, eye/face protection and gloves. Wear protective gloves/protective clothing/eye protection/face protection.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellowish liquid

Odour: Amine

Boiling Point/Range: > 220 °C

Flashpoint: >100 °C

Specific Gravity: 1.02 ± 0.02

Solubility in water: Insoluble in water

STABILITY AND REACTIVITY

Reactivity

- No hazardous reactions known if used for its intended purpose

Chemical stability

Considered stable under normal conditions

Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose

Conditions to avoid

No special precautions are required for this product-

Incompatible materials

Strong oxidising agents. Incompatible with acids and alkalis

Hazardous decomposition products

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

TOXICOLOGICAL INFORMATION

Skin corrosion/irritation. Causes severe skin burns and eye damage. Serious eye damage/irritation

Causes serious eye damage. Respiratory or skin sensitisation. May cause an allergic skin reaction

ECOLOGICAL INFORMATION

Toxicity No information available

Persistence and degradability No information available

Bioaccumulative potential No information available

Mobility in soil immiscible with water

Results of PBT and vPvB assessment No information available

Other adverse effects No information available

DISPOSAL CONSIDERATION

Waste treatment methods: - Avoid release to the environment. Refer to special instructions/Safety data sheets. Disposal should be in accordance with local, state or national legislation. Dispose of contents/container to an authorised waste collection point. Do not empty into drains - dispose of this mate-

rial and container in a safe way

TRANSPORT INFORMATION



Air (ICAO/IATA)

ICAO UN No.: 2735

Proper Shipping Name: AMINES, LIQUID, CORROSIVE, N.O.S.

ICAO Hazard Class: 8

ICAO Packing Group: II

Road/Rail (ADR/RID)

ADR UN No.: 2735

Proper Shipping Name: AMINES, LIQUID, CORROSIVE, N.O.S.

ADR Packing Group: II

Sea (IMDG)

IMDG UN No.: 2735

Proper Shipping Name: AMINES, LIQUID, CORROSIVE, N.O.S.

IMDG Hazard Class: 8

IMDG Pack Group.: II

Environmental hazards: Marine Pollutant

Special precautions for user: No information available

Transport in bulk according to Annex II of Marpol and the IBC Code: No information available

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 Regulation 1907/2006-2015/830

This Safety Data Sheet is provided in compliance with the EC Directive 82/501/EEC (the Seveso Directive)

All the ingredients used in this product are registered or preregistered by our suppliers, and/or excluded from the regulation, and/or exempted from the registration.

Chemical safety assessment

A REACH chemical safety assessment has not been carried out

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.**



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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