

DECKCOAT N40



Material Safety Data Sheet

PRODUCT AND COMPANY IDENTIFICATION

Product Name: DECKCOAT N40
Chemical Family: Highly Chemical Resistant Epoxy Coating
Manufacturer: Starke Construction Chemicals
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Email: info@starkepolymers.com
Website: www.Starke polymers.com

COMPOSITION/INFORMATION ON INGREDIENTS

Composition:

Epoxy resin, epoxy diluent.

Hazardous Ingredient(s): Epoxy resin (Number average molecular weight <700)

Symbol	Risk Phrases	CAS No.	%
Xi N	R36/38, 43, 51/53	25068-38-6	50

HAZARDS IDENTIFICATION

Hazard Information: Irritating to eyes and skin. May cause sensitization by skin contact. Toxic to aquatic organism, may cause long-term effects in the aquatic Environment.

Classification: Xi, N, R36/38, R43, 51/53

FIRST AID MEASURES

Eyes: Irrigate immediately with copious quantities of water for 15 minutes. Obtain medical attention urgently.

Skin: Wash immediately with soap and water or suitable skin cleanser. Remove contaminated clothes and shoes. Obtain medical advice if skin disorders develop.

Inhalation: Remove from exposure, obtain medical attention if respiratory irritation develops or if breathing becomes difficult.

Ingestion: Rinse mouth thoroughly. Drink plenty of water. Do not induce vomiting. Obtain medical attention. Beware of aspiration if vomiting occurs.

FIRE FIGHTING MEASURES

Flash Point: >200°C.

Lower Explosive Limit: Toxic fumes. Carbondioxides.

Extinguishing Media: Carbondioxide, powder, foam

or water.

Personal Protective Equipment: Self-contained breathing apparatus.

ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear suitable protective clothing, gloves and eye/face protection.

Environmental Precautions: Prevent entry into drains, sewers and water courses.

Decontamination Procedures: Soak up with inert absorbent such as sand. Gather into labeled containers. Dispose off as applicable regulations.

HANDLING AND STORAGE

Handling: Maintain good standards of personal hygiene.

Avoid skin and eye contact. Do not eat, drink or smoke whilst using this product. Ensure adequate ventilation.

Storage: Keep container tightly closed in a cool dry area.

EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eye protection: Safety glasses/goggles.

Skin protection: Impervious gloves (e.g. PVC).

Respiratory protection: Suitable protective clothing.

Hygiene measures: Organic chemical cartridge respirator, if needed.

Engineering controls: Change contaminated clothing and clean before re-use. No specific ventilation requirements noted.

Exposure guidelines: None assigned.

PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Straw color
Odour:	Mild
pH (concentrate):	Not applicable
Boiling Point (°C):	<200°C
Flash Point (closed cup) (°C):	>200
Autoflammability (°C):	Not determined
Explosive Properties (%):	Not Known

Relative Density (@25°C): 1.30 – 1.50
Water Solubility: Insoluble

STABILITY AND REACTIVITY

Stability: reacts with compounds containing amino, hydroxyl or carboxyl groups to give stable, cross linked materials.

Conditions to Avoid: None known.

Chemical Incompatibility: Strong acids. Strong alkalis. Strong oxidizing agents.

Hazardous Decomposition Products: Thermal decomposition yield oxides of carbon, toxic fumes.

TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components. Acute Oral effect (LD50)>5000mg/kg.

Classified as moderate sensitizer.

Health Effects

On Eyes: Slight irritation (rabbit).

On Skin: Moderate irritation (rabbit).

By Inhalation: May cause respiratory irritation.

By Ingestion: May cause irritation of mouth, throat and digestive tract.

Chronic: Repeated and prolonged skin contact may lead to skin disorders.

ECOLOGICAL INFORMATION

Environmental Assessment: When used and disposed off as intended, no adverse environmental effects are foreseen.

Mobility: Viscous liquid. Insoluble in water.

Degradability: Not biodegradable

Bioaccumulation: Not expected

Acute fish toxicity: Toxic to aquatic organisms.

DISPOSAL CONSIDERATION

Disposal must be in accordance with local and national legislation.

Unused Product: Dispose off through an authorized waste contractor to a licensed site.

Used/Contaminated Product: As for unused product.

Packaging: Must be disposed off through an authorized waste contractor.

TRANSPORT INFORMATION

UN Number: 3082

Transport Name: Environmentally hazardous substance, liquid N.O.S (Epoxy Resin).

REGULATORY INFORMATION

Hazard Label Data:



Transport Type: Class: Pack Group: **Marine Pollutant**

At Sea IMDG 9 III No

Air Transport IATA/ICAO 9 III

At land RID/ADR 9 III

Xi



Irritant



N

Dangerous to environment

Risk Phrases:

R36/38 Irritating to eyes and skin.

R43 May cause sensitization by skin contact.

R51/53 Toxic to aquatic organisms, may cause longterm adverse in the aquatic environment.

Safety Phrases:

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37/39 Wear suitable gloves and eye/face protection.

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- > **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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