

DECKCRETE PU MD



Material Safety Data Sheet

PRODUCT AND COMPANY IDENTIFICATION

Product Name: DECKCRETE PU MD

Chemical Family: Medium duty flow applied polyurethane topping

Manufacturer: Starke Construction Chemicals

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Email: info@starkepolymers.com

Website: www.Starke polymers.com

HAZARDS IDENTIFICATION

Symbol **Risk Phrases**

Xi N R10 Flammable

R20/21/22 Harmful by inhalation, contact with skin and if swallowed

R36/38 Irritating to skin and eyes

R65 Harmful: May cause lung damage if swallowed

R66 Repeated exposure may cause skin dryness and cracking

R67 Vapors may cause drowsiness or dizziness

Safety Phrase(s) :

S2 Keep out of reach of children

S9 Keep container in well ventilated place

S16 Keep away from sources of ignition, No smoking.

S33 Take precautionary measures against static discharges.

S23 Do not breathe in vapors

S24/25 Avoid contact with skin and eyes.

S29 Do not empty into drains

S36/37/39 Wear suitable clothing, gloves, eye and face protection

S45 In case of accident or if you feel unwell seek medical advice immediately (show product label whenever possible)

S62 If swallowed do not induce vomiting, seek medical advice immediately and show this container or label

COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS:

Name	% Composition	CAS No.
Branched Polyol	30-50	9003-13-8
Inorganic Filler	30-50	14808-60-7
Aromatic Hydrocarbon Solvent	10-20	64742-95-6
Titanium Dioxide	5-7	13463-67-7

FIRST AID MEASURES

General Advice : First aid personnel should pay attention to their own safety. Remove contaminated clothing.

Eyes: Check for and remove any contact lenses. Flush with large amounts of clean warm water for 15 minutes. Get prompt medical attention.

Skin: Flush with large amounts of clean water, use soap if available. Remove any contaminated clothing.

Inhaation: Immediately move victim to fresh air. If breathing has stopped then administer artificial respiration. Get prompt medical attention.

Ingestion: Guard against aspiration into lungs. If victim is conscious and alert, give to glasses of water. Get prompt medical attention.

Note to Physician Treatment : Treat according to symptoms (decontamination, vital functions), no known specific antidotes.

FIRE FIGHTING MEASURES

Suitable Extinguishing Media : Foam, water spray, dry extinguishing media, carbon dioxide.

Unsuitable Extinguishing Media: Water jet.

Specific Hazards : Carbon dioxide, carbon monoxide, harmful vapors, nitrogen oxides, fumes / smoke, carbon black

Special Protective Equipment : Appropriate-breathing apparatus may be required.

Additional information : Cool endangered containers with water in case of fire. Do not allow the quenching water into the sewage system.

ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective clothing. Do not breathe vapor/aerosol/spray mists. Sources of ignition should be kept well clear. Handle in accordance with good building materials hygiene and safety practice.

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

Methods for Cleaning up or Contain the Taking UP : Shut off all ignition sources or flames in hazard area. Contain the spill with sand or earth. Place used absorbent in suitable sealed containers and follow state or local authority regulations and guidelines for disposal of the waste. Clean area with detergent and water.

HANDLING AND STORAGE

Handling: Flammable liquid. Vapor may form explosive mixtures with air. Avoid heat and all ignition sources. Use only in well ventilated areas. Flame-proof equipment is necessary in any area where product is being used. Product transfer and storage equipment must be earthed. Prevent build-up of flammable vapors.

Handle in accordance with state or territory regulations of flammable liquids. Take precautionary measures against static electricity. Store in original packages as approved by manufacturer.

Storage: Keep container tightly closed. Store product between 15-35°C, in a dry environment and out of direct sunlight. Do not allow product to freeze. Store away from sources of heat and ignition. Store in original containers.

EXPOSURE CONTROLS AND PERSONAL PROTECTION

Protective clothing to be worn : Always wear eye protection, protect hands under rubber gloves, wear protective footwear.

Engineering Controls: Where mists or vapors are generated exhaust ventilation should be provided to maintain airborne concentration levels to a level as low as reasonably practicable.

Ventilation : Adequate, local ventilation must be provided for all enclosed work spaces.

Spill Procedures: Contain and absorb spilled materials with a non-flammable substance such as sand.

PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Various-see color chart
Odour:	Faint
pH (concentrate):	Not applicable
Boiling Point (°C):	Not applicable
Flash Point (closed cup) (°C):	Not applicable
Autoflammability (°C):	Not determined
Boiling Point (°C):	<150
Auto-ignition temperature (°C) :	N/A
Explosion limits :	N/A
-lower	
-upper	
Thermal decomposition :	N/A
Specific gravity (°C) :	1.3 (25)
Viscosity (mPa.s) :	750
Vapour pressure, mbar :	no data available
pH value (°C) :	N/A
Solubility in water (°C) :	N/A

STABILITY AND REACTIVITY

Chemical stability : Stable when stored and used as directed

Conditions : Heat, flames, ignition sources and incompatibles

Incompatible materials : Not to be loaded with strong alkalis, oxidizing agents, acids, nitrates.

Hazardous decomposition Products : Oxides of carbon when heated to decomposition

Hazardous reactions : No information available.

TOXICOLOGICAL INFORMATION

Health Effects from the Likely Routes of Exposure:

Acute : Not established for this product.

Eyes : May cause irritation to the eyes with effects including tearing, pain, stinging and blurred vision.

Skin : Harmful by contact with skin. Effects including redness, itchiness, drying and defatting.

Ingestion : Harmful to mouth, throat and stomach. There is some probability that this product could be aspirated into the lungs and hence, if vomiting occurs, this may lead the chemical pneumonitis which can be fatal.

Inhalation : Harmful by inhalation, may cause irritation to the nervous system depression. May cause irritation to the nose, throat and respiratory system with effects including dizziness, headache, staggering gait, nausea and if the concentration of vapours is

high enough and unconsciousness.

ECOLOGICAL INFORMATION

Ecotoxicity : Avoid contaminating waterways. It could be toxic to the biomass in a treatment plant and could be toxic to fish. Keep out of surface waters, sewers and waterways entering or leading to surface waters. Notify authorities if any exposure to the general public or environment occurs or is likely to occur. No specific data is available.

Degradation and persistence : All solvents are biodegradable and oxidize by photo-chemical reactions with air.

Persistence and biodegradability : Not established for this product

DISPOSAL CONSIDERATION

Disposal methods and containers : Follow state or local authority regulations and guidelines for containers disposal of the waste. Clean area with detergent and water. Do not allow product to enter drains, sewers or water courses. – inform the local authorities if this occurs.

Special precautions for landfill and incineration

: Not established for this product.

TRANSPORT INFORMATION

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

REGULATORY INFORMATION

Symbol(s) : **Xn**

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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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