

Material Safety Data Sheet

PRODUCT AND COMPANY IDENTIFICATION

Product Name: BITU PRIME RBE

Chemical Family: Rubber modified Bitumen Emulsion

Manufacturer: Starke Construction Chemicals

Tel. +256 787 288 087

Email: info@starkepolymers.com

Website: www.Starke polymers.com

COMPOSITION / INFORMATION ON INGREDIENTS

Water: 20-30%WT CAS No. 7732-18-5

Bitumen: 45-55%WT CAS No. 8052-42-4

Other Non-Hazardous Ingredient: 10-20%wt

HAZARDS IDENTIFICATION

Classified as **NON-HAZARDOUS SUBSTANCE**

Physical Hazards

NOT classified as a Physical Hazard.

Health Hazards

Category 3 skin corrosion/irritation

Category 3 Respiratory irritation

Category 2B Eye damage / irritation

Category 5 Acute toxicity - Oral

Environmental Hazards

Category 4 Hazards to aquatic environment
Long term. GHS LABEL ELEMENTS

Signal word: Warning

Pictograms:



FIRST AID MEASURES

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed. Move the exposed person to fresh air at once.

Eyes: Flush eyes with large amounts of water for at least ten minutes. Make sure to remove any contact lenses from the eyes before rinsing. If signs/symptoms persist, get medical attention.

Skin: Remove contaminated clothes immediately. Wash affected area with soap and plenty of water. If

irritation persist get medical attention immediately.

Inhalation: Remove the affected person to fresh air. Perform artificial respiration in the case difficult breathing. If symptoms persist obtain medical attention.

Ingestion: If swallowed, rinse out mouth and obtain medical attention. Do not induce vomiting. Give victim a glass of water to drink. Never give anything by mouth to an unconscious person. Get medical help immediately.

FIRE FIGHTING MEASURES

Extinguishing Media: Use fire extinguishers with class B extinguishing agents. (e.g., dry chemical, CO₂).

Flammable properties: Being Water based system, In-can product unlikely to catch fire.

Special Exposure hazards: water may not effectively extinguish fire however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Use water spray to reduce vapors. Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA)

ACCIDENTAL RELEASE MEASURES

Spill unlikely from closed container. Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation and personal protective equipment. Ventilate the area with fresh air. Absorb the spill in vermiculate, dry sand or earth and place into containers. Do not allow spill to runoff to sewer.

HANDLING AND STORAGE

Handling: Keep away from heat, open flame, pilot lights and other sources of ignition. Avoid eye contact with vapors. Avoid skin contact. Avoid breathing of vapors, mists or spray. Do not eat, drink or smoke while using this product. Wash exposed areas thoroughly with soap and water. Use with adequate ventilation. Keep away from the reach of children.**Storage:** Keep container at moderate room temperature in a shaded, dry well-ventilated area. Store out of direct sunlight. Never

allow to freeze.

EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ingestion: For the product at ambient temperature, use normal ventilation. If in case of difficult to breathing provide artificial ventilation and wear suitable mask.

Eye contact: Avoid direct eye contact. The following eye protection(s) are recommended: Safety glasses with side shields, indirect vented goggles.

Skin contact: Avoid skin contact. Select a use gloves and/or protective clothing to prevent skin contact based on the result of an exposure assessment. Glove made from the following material(s) are recommended: NR/Polyethylene/EVA

Respiratory protection: Not necessary. Avoid breathing of vapors, mists or spray.

Prevention of Swallowing: Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

PHYSICAL AND CHEMICAL PROPERTIES

Form:	Thick flowing Liquid
Colour:	Brownish
Odour:	Typical
Flash Point (closed cup) (°C):	Non-Flammable
Relative gravity :	1.0 (±0.02)
Water Solubility:	Dispersible in water

STABILITY AND REACTIVITY

Stability: Stable.

Conditions to Avoid: Strong oxidizing agents, heat, open flame sparks, direct sunlight etc.

Chemical Incompatibility: On decomposition Carbon dioxide, carbon monoxide, hydrogen sulphide, Oxides of nitrogen and sulphur.

TOXICOLOGICAL INFORMATION

Health Effects

Not Determined. But product may be toxic and hence recommended to practice appropriate personal and industrial hygiene. Prolonged or repeated contacts may cause sensitization with itching, swelling or rashes on later exposure. Short term exposure may lead to irritation. Long term expo-

sure may lead to sensitization.

Acute Oral effects : No Data available

Acute Inhalation Effects : No Data available

Acute Dermal Effects : No Data available

ECOLOGICAL INFORMATION

Not determined. Product can be miscible and dispersed in water. But product may be toxic to aquatic organisms and may cause adverse effects in the aquatic environment. Do not allow to enter drains sewers or water courses.

DISPOSAL CONSIDERATION

Waste Disposal Method : Ensure containers are empty before discharging. Dispose of waste product in a permitted hazardous waste facility. Local, state or Federal regulation is applicable Consult regulation authorities before disposal.

TRANSPORT INFORMATION

DOT Classification : Non Flammable. This product is classified as non-hazardous for transport.

Proper shipping Name : Rubberized Bitumen Emulsion.

Transport	TypeClass	Packing	Group	Special Precaution
Sea	IMDG	Void	Void	Not Applicable
Air Transport	IATA/ICAO	Void		Not Applicable
Land	ADR	Void	Void	Not Applicable

REGULATORY INFORMATION

The components of this product are in compliance with the chemical notification requirements of TSCA Labeling – Labeling according to EEC directives concerning preparations symbol

R Phrase(S) R36/37/38 Irritating to eyes, respiratory system & skin.

S Phrase(s) S36/37/39 Wear suitable protective clothing, 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.

Starke Polymer Ltd
Plot 158, kampala uganda
Construction Chemicals

Tel + 256 709 704 421
Tel + 256 792 171 023

Email: info@starkepolymers.com
[www. Starke polymers.com](http://www.Starkepolymers.com)