

Material Safety Data Sheet

PRODUCT AND COMPANY IDENTIFICATION

Product Name: BITU PRIME WB
Chemical Family: Water based Bitumen emulsion protective coating
Manufacturer: Starke Construction Chemicals
Tel. +256 787 288 087
Email: info@starkepolymers.com
Website: www.Starke polymers.com

COMPOSITION / INFORMATION ON INGREDIENTS

Composition:

Chemical Name	%wt	CAS No.
Water	45-55	7732-18-5
Bitumen	35-45	8052-42-4

Other Non-Hazardous Ingredient: 6.5-7.5

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:**



Hazard statements

- H316** Causes mild skin irritation.
H335 May cause respiratory irritation.
H320 Causes eye irritation.
H303 May be harmful if swallowed.
H413 May cause long lasting harmful effects to aquatic life.

Prevention statements

P262 Do not get in eyes, on skin or on clothing.

P273 Avoid release to Environment.

Response statements

P332 +P313 If skin irritation occurs: Get medical advice/attention.

P337 +P313 If eye irritation persists: Get medical advice/attention.

P301+P312 If swallowed: call poison center/Doctor/..If you feel unwell.

Storage Statements

P403 Store in a well ventilated place.

Disposal Statements

P501 Dispose of contents/container in accordance with relevant regulations.

Other Hazards: Nil

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 persists, get medical attention.

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

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

Flash Point: NA

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

PROTECTION OF FIRE FIGHTERS

water may not effectively extinguish fire however, it should be used Special firefighting procedures 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).

Unusual fire and Explosion Hazards : N/A

ACCIDENTAL RELEASE MEASURES

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

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.

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

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 exposure may lead to sensitization.

Acute Oral effects : May be harmful if swallowed.

Acute Inhalation Effects : May cause respiratory irritation.

Acute Dermal Effects : Causes mild skin irritation.

ECOLOGICAL INFORMATION

Not determined. Product can be miscible and dispersed in water. But product may be toxic to aquatic organisms and may cause long term 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 : Cold Applied Bitumen Emulsion.

Transport	Type	Class	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

RISK Phrase(S)

R36/37/38 Irritating to eyes, respiratory system & skin.

SAFETY Phrase(s)

S25 Avoid contact with eyes.

S28 S36/37/39 Avoid contact with skin, wash immediately with plenty of water. Wear suitable protective clothing, gloves and eye/face protection.

OTHER INFORMATION

The components of this product are in compliance with the chemical notification requirements TSCA and found not to be corrosive for transportation.

Special precautions : Nil

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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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