

Material Safety Data Sheet

1.

1. Identification of the substance and of the company

Product name Primetech Primer
Manufacturer / supplier identification

Company Primetech
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Technical Phone +1(702) 421-2801
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2. Composition / information on ingredients

CAS-N 497-19-8
EC No. none
Molecular formula: Na^+CO^2-

3. Hazards identification

Not hazardous according to Directive 67/548/EEC.

4. First aid measures

AFTER INHALATION

If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

AFTER SKIN CONTACT

In case of contact, immediately wash skin with soap and copious amounts of water.

AFTER EYE CONTACT

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

AFTER INGESTION

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

5. Fire fighting measures

CONDITIONS OF FLAMMABILITY

None

EXTINGUISHING MEDIA

Suitable: Water spray, Carbon dioxide, dry chemical powder, or appropriate foam.

SPECIAL RISKS

None.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. Accidental release measures

PROCEDURE(S) OF PERSONAL PRECAUTION(S)

Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

METHODS FOR CLEANING UP

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

7. Handling and storage

HANDLING

Directions for Safe Handling: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

STORAGE

Conditions of storage: Keep tightly closed.

8. Exposure controls / personal protection

ENGINEERING CONTROLS

Safety shower and eye bath. Mechanical exhaust required.

GENERAL HYGIENE MEASURES

Wash thoroughly after handling.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respiratory protection is not required.

Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks.

HAND PROTECTION

Protective gloves.

EYE PROTECTION

Chemical safety goggles.



Primetech

Concrete Pump Primer

9. Physical and chemical properties

Physical Properties

	Typical	Specification
Absorptivity, wt %	19	18 min
Bulk Density: lb/ft ³	48	44 - 54
g/cm ³	0.77	0.70 - 0.86
Screen analysis, cumulative wt %		
On		
US 30(600 µm)	1	
US 40(425 µm)	8	25 max
US 100(150 µm)	88	
Thru		
US 200(75 µm)	2	7 max

Chemical Properties

	Typical	Specification
Na ² O, wt %	58.4	58.0 min
Na ² CO ₃ , wt %	99.8	99.2 min
Na ² SO ₄ , wt %	0.04	0.10 max
NaCl, wt %	0.03	0.10 max
Fe ² O ₃ , ppm	7	20 max
Arsenic, ppm		3 max
Heavy metals as Pb, ppm		10 max
Water insolubles, wt %	0.01	0.05 max

General Properties

Description	white granular solid	Melting point, °C (°F)
851 (1564)	Solubility, max % @ 35.4°C	33.2
pH, 1% solution @ 25°C		11.4

Standard Containers

503 bags
50 bags/pail

Physical Properties Typical Specification Absorptivity, wt % 19 18 min Bulk Density: lb/ft³ 48 44 - 54 g/cm³ 0.77 0.70 - 0.86

10. Stability and reactivity

STABILITY

Stable: Stable

Materials to Avoid: Strong oxidizing agents, Strong acids

HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide. In case of fire, development of irritant decomposition products

HAZARDOUS POLYMERIZATION

Will not occur.

11. Toxicological information

SIGNS AND SYMPTOMS OF EXPOSURE

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

ROUTE OF EXPOSURE

Skin contact: May cause skin irritation

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: May cause eye irritation.

Inhalation: Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.

Ingestion: May be harmful if

CHRONIC EXPOSURE - CARCINOGEN

12. Ecological Information

No data available.

13. Disposal considerations

SUBSTANCE DISPOSAL

14. Transport information

RID/ADR

Non-hazardous for road transport.

IMDG

Non-hazardous for sea transport.

IATA

Non-hazardous for air transport.

15. Regulatory information

Not hazardous according to Directive 67/548/EEC.

Caution: Substance not yet fully tested (EU).

COUNTRY SPECIFIC INFORMATION

USA

16. Other information

WARRANTY

The information in this document is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product. PSS GmbH shall not be held liable for any damage resulting from handling or from contact with the above product.

DISCLAIMER

Not for drug, household or other uses.