



SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (REACH)

1. PRODUCT IDENTIFICATION

Trade Name(s): BentoTak
Product Description: Bentonite Polymer-modified bitumen
Synonyms: N/A
CAS No: Bentonite **CAS No.**1302-78-9

Supplier:
EPRO Services, Inc.
PO Box 347
Derby, KS 67037
800-882-1896 (8:00am – 5:00pm CST)

2. HAZARD(S) IDENTIFICATION

Harmful if swallowed. Possible risks of irreversible effects. Harmful if inhaled. Irritation of eyes and skin.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Main components:	
Bentonite CAS No. 1302-78-9	WT% 40-70%
Polymer-modified bitumen	WT% 10-30%
Mineral oil	WT% 20-40%

4. FIRST-AID MEASURES

GENERAL ADVICE: Wash off immediately with soap and plenty water. In the case of respired dust and/or fumes, use self- contained breathing apparatus and dust impervious protective suit. Use personal protective equipment.

INHALATION: Move victim to fresh air. If breathing is difficult give oxygen. If irritation persists, consult a physician.

SKIN CONTACT: Remove contaminated clothes and shoes, rinse skin with plenty of water or shower. Use soap to help assure removal. If irritation persists, consult a physician.

EYE CONTACT: Remove any contact lenses at once. Flush eyes well with flooding amounts of running water for at least 15 minutes. Assure adequate flushing by separating the eyelids with sterile fingers. If irritation persists, consult a physician.

INGESTION: Rinse mouth, give plenty of water to dilute the substance. Never give anything by mouth to

an unconscious person. Consult a physician.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical powder, foam, water

FIRE AND EXPLOSION HAZARDS: Toxic, irritating dust or smoke may be emitted.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS: Firemen should wear normal protective equipment (full bunker gear) and positive-pressure self-contained apparatus.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Remove ignition sources and ventilate area. In case of insufficient ventilation, wear suitable equipment. Avoid raising dust and avoid contact with skin and eyes.

ENVIRONMENTAL PRECAUTIONS: Prevent spills from entering sewers, watercourses or low areas.

METHODS FOR CLEAN UP: Do not touch spilled material without suitable protection.

After material is completely picked up, wash the spill site with soap and water and ventilate the area. Put all wastes in a plastic bag for disposal and seal it tightly. Remove, clean, or dispose of contaminated clothing.

7. HANDLING AND STORAGE

HANDLING: Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Handle material with suitable protection.

STORAGE: Store away from sunlight in well-ventilated dry place at room temperature. Keep container tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING MEASURES: Use exhaust ventilation to keep airborne concentrations below exposure limits. Use only with adequate ventilation.

VENTILATION: Local Exhaust: Necessary, Mechanical (General); Recommended
CONTROL PARAMETER:

OSHA Final Limits: None established ACGIH TLV(s); Mineral oil mist 5mg/m³

ALLOWABLE CONCENTRATION: Mineral oil mist 3mg/m³

PERSONAL PROTECTION:

Respiratory protection: NIOSH/MSHA approved respirator

Hand protection: Chemical resistant gloves

Eye protection: Safety glass (goggles)

Skin protection: Protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Gray-black paste

Odor: Odor of oil

pH: 7.7

SPECIFIC GRAVITY: 1.4±0.1

BOILING POINT: Not available

MELTING POINT: Not available

FLASH POINT: Not available

FLAMMABILITY (solid, gas): Not available

DECOMPOSITION TEMPERATURE: Not available

EXPLOSIVE LIMITS: Not available

VAPOR PRESSURE: Not available

SOLUBILITY IN: WATER: Insoluble **ALCOHOL:** Not available

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Sunlight, heat

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, nitrogen oxides, sulfur oxides and hydrogen chloride may be formed.

HAZARDOUS POLYMERIZATION: Will not occur

SOLUBILITY IN: WATER: Insoluble **ALCOHOL:** Not available

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY DATE: Not available

IRRITATION DATA (PRIMARY SKIN IRRITABILITY): Not available

MUTATION DATA: Negativity (Ames Test)

REPRODUCTIVE EFFECTS DATA: Not available

TUMORIGENIC DATA: Not available

12. ECOLOGICAL INFORMATION (non-mandatory)

BIODEGRADABILITY: Not available

BIOACCUMULATION POTENTIAL: Not available

AQUATIC TOXICITY: Not available

OTHER DATA: Not available

13. DISPOSAL CONSIDERATIONS (non-mandatory)

Consult an industry waste dealer about the disposal of industrial construction products. Any disposal must follow country, local, state, and federal laws and regulations (contact country, local or state environmental agency specific rules.)

14. TRANSPORT INFORMATION (non-mandatory)

No data

15. REGULATORY INFORMATION (non-mandatory)

No specific data.

16. OTHER INFORMATION

This information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designated only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.