

Bentotak DS - Kingfield Construction Products

SAFETY DATA SHEET (SDS)

I. COMPANY AND PRODUCT INFORMATION

Product Name Bentotak DS
Manufacturer Kingfield Construction Products, Inc.
Address 530 North 3rd Street, Suite #230
Minneapolis, Minnesota 55401 USA
Contact +1 (612) 225-5167
Number E-Mail info@kingfieldcp.com
Date May, 2015

II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME : Bentonite Polymer-modified bitumen

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

III. HAZARDS IDENTIFICATION

Harmful if swallowed. Possible risks of irreversible effects.

Harmful if inhaled. Irritation of eyes and skin.

IV. FIRST ADVICE

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.

V. 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.

VI. 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.

VII. 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.

VIII. 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

IX. 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

X. STABILITY AND REACTIVITY

CONDITION 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

XI. TOXICOLOGICAL AND REACTIVITY

ACUTE TOXICITY DATA : Not available

IRRITATION DATA (PRIMARY SKIN IRRITABILITY) : Not available

MUTATION DATA : Negativity(Ames Test)

REPRODUCTIVE EFFECTS DATA : Not available

TUMORIGENIC DATA : Not available

SOLUBILITY IN : WATER ; Insoluble ALCOHOL ; Not available

XII. ECOLOGICAL INFORMATION

BIODEGRADABILITY : Not available

BIOACCUMULATION POTENTIAL : Not available

AQUATIC TOXICITY : Not available

OTHER DATA : Not available

XIII. DISPOSAL CONSIDERATION

Consult an industry waste dealer about the disposal of industrial construction products.

Any disposal must be in compliance with country, local, state, and federal laws and regulations (contact country, local or state environmental agency specific rules.)

XIV. TRANSPORT INFORMATION

No data

XV. OTHER INFORMATION

No specific notes

The above information is believed to be correct to be the best of our knowledge and information but does not purport to be all inclusive and shall be used only as guide.

This product is intended to be used by expert persons having chemical knowledge and skill, at their own discretion and risk and Kingfield Construction Products shall not be held liable for any damage resulting from handling or from contact with the above material.