



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PRO-SHIELD™ 8506

PRODUCT CODES: 8506

MANUFACTURER: KRETETEK INDUSTRIES

STREET ADDRESS: 66 RIVER ROAD

CITY, STATE, ZIP: HUDSON NH 03051

INFORMATION PHONE: 855-573-8383

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SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification GHS

Signal Word: Warning

Serious eye damage/eye irritation, Category 2A H-319



H-Code Hazard Statements

H319: Causes serious eye irritation

P-Code Precautionary Statements

P280: Wear protective gloves/protective clothing/eye protection/face protection

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

The following percentage of the mixture consists of ingredients with unknown acute inhalation toxicity: 1.5%

Other hazards: No data available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT

Sodiumdodecyl sulphate

CAS NO.

151-21-3

This product does not contain substances of very high concern in amounts above > 0.1%

SECTION 4: FIRST AID MEASURES

General information: Remove contaminated clothing and shoes. Get medical attention if irritation occurs or if breathing becomes difficult. Show label.

After inhalation: Inhalation is not applicable. No special treatment required.

After contact with the skin: For skin contact, immediately wipe away excess material. Use a waterless hand cleaner to remove as much of the remaining material as possible. Wash with soap and water.

After contact with the eyes: If contact with eyes, immediately hold eyelids apart and flush with plenty of water for at least 15 min

After swallowing: For ingestion, if conscious, give several glasses of water but do not induce vomiting. If vomiting does occur, give additional fluids.

Advice for the physician: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Flammable properties:

Property:

Flash point Value: Not determinable (substance exhibits no flashpoint until boiling commences)

Sustained combustibility: No data available

Boiling point/boiling range: 100 degrees C (212F) at 1013 hPa

Lower explosion limit (LEL) not applicable

Upper explosion limit (UEL) not applicable

Ignition temperature Value: 425 degrees C (797F)

NFPA Hazard Class: IIIB

Fire and Explosion Hazards: This material does not present any unusual fire or explosion hazards.

Recommended extinguishing media: Material does not burn. Use extinguishing measure appropriate to the source of fire.

Unsuitable extinguishing media: None known

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases: Not applicable

Fire fighting procedures: Fire fighters should wear full protective clothing including a self-contained breathing apparatus. Cool endangered containers with water.

SECTION 6: RELEASE MEASURES

Precautions: Secure the area. Wear PPE. Keep unprotected persons away. Avoid contact with eyes and skin. Do not inhale gases/vapours/aerosols. If material is released indicate risk of slipping. Do not walk through spilled material.

HAZWOPER PPE Level: D

Containment: Prevent material from entering surface waters, drains or sewers and soil. Close leak if possible without risk. Contain any fluid that runs out using suitable material (e.g. earth). Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers. Inform authorities if substance leaks into surface waters, sewerage or ground. Spills of material which could reach surface waters must be reported to the United States Coast Guard National Response Center's toll free phone number (800) 424-8802.

Methods for cleaning up: Take up mechanically and dispose of according to local/state/federal regulations. Do not flush away with water. For small amounts: Absorb with a neutral (non-acidic/non-basic) liquid binding material such as diatomaceous earth and dispose of according to government regulations. For large amounts: liquids may be recovered using suction devices or pumps. If flammable only air dried or properly rated electrical equipment should be used. Clean any slippery coating that remains using a detergent/soap solutions or another biodegradable cleaner. Silicone fluids are slippery; spills are a safety hazard. Apply sand or other inert granular material to improve traction.

SECTION 7: HANDLING AND STORAGE

General information: Always stir well before use.

Handling

Precautions for safe handling: Avoid formation of aerosols. In case of aerosol formation special protective measures are required (exhausting by suction, respiratory protection). Spilled substance increases risk of slipping. Observe information in section 8.

Precautions against fire and explosion: Observe the general rules for fire prevention.

Storage

Conditions for storage rooms and vessels: Observe local/state/federal regulations.

Advice for storage of incompatible materials: Observe local/state/federal regulations.

Further information for storage:

Store in a dry, cool place, protect against sun, protect against frost.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls

Ventilation: Use only with adequate ventilation.

Local exhaust: If spraying or other aerosol generating operations are performed, local exhaust ventilation designed to capture mists and sprays, such as a paint spray booth, is recommended.

Associate substances with specific control parameters such as limit values.

Maximum airborne concentrates at the workplace: None known

Personal protection equipment (PPE) Respiratory protection:

Respiratory protection is not normally required. If spraying or other operations which generate an aerosol mist are conducted, respiratory protection for exposed personnel is recommended. A NIOSH approved air purifying respirator equipped with universal multi-contaminant, multi-gas/vapor cartridges and at least P-99 solid/aerosol particulate filters is recommended if overexposure to dusts, mists, or vapors could occur. If eye-irritating dusts or vapors are present, a full-face respirator should be worn.

Hand protection: Any liquid tight rubber or vinyl gloves

Eye protection: Safety glasses with side shields or chemical safety goggles. Where there is risk of splashing: tight fitting chemical safety goggles.

Additional protective clothing or equipment is not normally required. Provide eye bath and safety shower.

General hygiene and protection measures: Avoid contact with eyes, skin and clothing. Avoid breathing dust/vapor/mist/gas/aerosol. Do not eat or drink when handling. Wash thoroughly after handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state / form: liquid dispersion

Colour: white

Odour: acrylic

Safety parameters

Melting point L 0 degrees C (32F) at 1013hpa

Boiling point / boiling range Value: 100 degrees C (212F) at 1013 hPa

Flash point Value: not determinable (substance exhibits no flashpoint until boiling commences)

Sustained combustibility: no data available

Ignition temperature: 425 degrees C (797F)

Lower explosion limit (LEL): not applicable

Upper explosion limit (UEL): not applicable

Vapour pressure: 23 hPa /20 degrees C (68F)

Density: 1.03 g/cm³ at 25 degrees C (77F) at 20 hPa

Water solubility / miscibility: completely miscible

pH: 7.5-8.5 at 23 degrees C (100%)

Viscosity dynamic: 30-100 mPa.s at 23 degrees C (73F)

SECTION 10: STABILITY AND REACTIVITY

General information: If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

Conditions to avoid: None known

Materials to avoid: None known

Hazardous decomposition products: If stored and handled properly: non known. The following applies for the silicone content of the substance: Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 degrees C (302F) through oxidation.

Further information: Hazardous polymerization cannot occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity Assessment: For this endpoint no toxicological test data is available for the whole product.

Acute toxicity estimate (ATE): ATE_{mox} (oral): >5000 mg/kg

Skin corrosion/irritation Assessment: For this endpoint no toxicological test data is available for the whole product.

Serious eye damage / eye irritation Assessment: For this endpoint no toxicological test data is available for the whole product.

Respiratory or skin sensitization Assessment: For this endpoint no toxicological test data is available for the whole product.

Product details: Exposure routes: Inhalation: no data available

Germ cell mutagenicity Assessment: For this endpoint no toxicological test data is available for the whole product.

Carcinogenicity Assessment: For this endpoint no toxicological test data is available for the whole product.

Reproductive toxicity Assessment: For this endpoint no toxicological test data is available for the whole product.
Specific target organ toxicity (single exposure) Assessment: For this endpoint no toxicological test data is available for the whole product.

Aspiration hazard Assessment: For this endpoint no toxicological test data is available for the whole product.

Endocrine disrupting properties: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH article 57(f).

Further toxicological information: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Other information: None known

SECTION 12: ECOLOGICAL INFORMATION

Toxicity Assessment: For the product as a whole, no test data available.

Persistence and degradability Assessment: Silicone content: biologically not degradable. Elimination by adsorption to activated sludge.

Bioaccumulative potential Assessment: Polymer component. Not expected to occur.

Mobility in soil Assessment: For the product as a whole, no test data is available.

Results of PBT and vPvB assessment: No data available

Endocrine disrupting properties: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH article 57(f).

Other adverse effects: none known

SECTION 13: WASTE DISPOSAL

Product disposal recommendation:

Recommendation: Material that cannot be used or chemically reprocessed or recycled should be disposed of in accordance with federal, state and local regulations at an approved facility.

Packaging disposal: Recommendation: Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe location/state/federal regulations. Uncleaned packaging should be treated with the same precautions as the material.

SECTION 14: TRANSPORTATION

DOT:

Valuation: Not regulated for transport

Other information: Protect from freezing, when exposed to cold temperatures approaching 0 degrees C (32F) or below.

IMDG-Code: Not regulated for transport

ICAO-TI/IAT-DGR: Not regulated for transport

SECTION 15: REGULATORY INFORMATION

U.S. Federal regulations

TSCA inventory status and TSCA information:

This material or its components are listed on or are in compliance with the requirements of the TSCA Chemical Substance Inventory. Contains a TSCA exempt polymer, which meets the exemption criteria for polymers given in 40CFR 723/250(e).

TSCA 12(b) Export Notification: This material does not contain reportable amounts of any TSCA 12(b) listed chemicals.

CERCLA Regulated Chemicals: This material does not contain any CERCLA regulated chemicals.

SARA 302 EHS Chemicals: This material does not contain any SARA extremely hazardous substances.

SARA 311/312 Hazard Class: Serious eye damage or eye irritation

SARA 313 Chemicals: This material does not contain any SARA 313 chemicals above the minimum levels.

HAPS (Hazardous Air Pollutants): This material does not contain any hazardous air pollutants.

U.S. State regulations

California Proposition 65: This material does not contain any chemicals known to the state of California to cause cancer. This material does not contain any chemicals known to the state of California to cause reproductive effects

Massachusetts Substance List:
This material contains no listed components

Pennsylvania Right-to-Know Hazardous Substance List:
This material contains no listed components

SECTION 16: OTHER INFORMATION

DISCLAIMER: THE INFORMATION CONTAINED HEREIN IS BASED ON THE DATA AVAILABLE AND IS BELIEVED TO BE ACCURATE, HOWEVER, THE MANUFACTURER MAKES NO WARRANTY EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA OR THE RESULTS OBTAINED FROM THE USE THEREOF. ACCORDINGLY, WE ASSUME NO RESPONSIBILITY FOR INJURY FROM THE USE OF THIS PRODUCT.