

Fire Seal

MATERIAL SAFETY DATA SHEET

Section 1 – Product and Company Identification

PRODUCT NAME: **Fire Seal** MANUFACTURER: Flame Tech Inc.
5180 Indiana Avenue
Winston-Salem, NC 27106
PHONE NUMBER: 1-800-638-3160
FAX NUMBER: (336) 661-7969

Section 2 – Composition/Information on Ingredients

INGREDIENT	CAS No.	% By WT
Sodium Silicate	1344-09-8	20% - 60%

Section 3 – Hazards Identification

PRIMARY ENTRY ROUTES: May cause skin irritation.
ROUTE OF EXPOSURE, SIGNS AND SYMPTOMS INHALATION: No known effects
SKIN CONTACT: Contact may cause skin irritation.
INGESTION: May cause irritation
EYE CONTACT: Contact may cause eye irritation.

Section 4 – First Aid Measures

INHALATION: Not a respiratory irritant.
SKIN CONTACT: Wash with soap and water. If irritation occurs, seek medical attention.
EYES CONTACT: Immediately flush with large amounts of water. If irritation occurs, seek medical attention.
INGESTION: If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

Section 5 – Fire Fighting Measures

FLASH POINT: None LEL: N/D UEL: N/D
EXTINGUISHING MEDIA: Foam, dry chemical, carbon dioxide or water fog.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None Known
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and other protective clothing

Section 6 – Accidental Release Measures

STEPS TO BE TAKEN IN CASE OF SPILL OR RELEASE: Wear protective clothing during clean up. Wipe up spills to prevent footing hazard. Avoid flushing into sewers, drains, waterways and soil.

Section 7 – Handling and Storage

HANDLING: Avoid contact with eyes and prolonged contact with skin. Keep out of reach from children.
STORAGE: Store in a dry cool place. Protect from excessive heat and freezing.

Section 8 – Exposure Controls and Protection

EYE PROTECTION: Protective eyewear (ANSI Z-87.1 or equivalent)
VENTILATION: General ventilation is sufficient
SKIN PROTECTION: Rubber gloves suggested
INGESTION: Do not eat, drink or smoke while working
RESPIRATORY PROTECTION: None required

Section 9 – Physical and Chemical Properties

PHYSICAL STATE: Paste
SPECIFIC GRAVITY: 1.9
DENSITY LBS./GALLON: 14
COLOR/APPEARANCE: Glossy Red
ODOR: Minimal
SOLUBILITY IN WATER: Soluble
VOC %: None

Section 10 – Stability and Reactivity

STABILITY: Stable
MATERIALS TO AVOID/INCOMPATIBILITY: Acids, ammonium salts
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: None

Section 11 – Toxicological Information

CHRONIC HEALTH HAZARDS: No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.
TOXICOLOGY DATA: Ingredient Name: Sodium Silicate Oral-Rat LD50:1153 mg/kg Inhalation-Rat LC50:N/D

Section 12 – Ecological Information

Sodium Silicate
FOOD CHAIN CONCENTRATION POTENTIAL: N/D
WATERFOWL TOXICITY: N/D
BOD: N/D
AQUATIC TOXICITY: 2320 ppm/96 hr/mosquito fish/TLm

Section 13 – Disposal Considerations

WASTE CLASSIFICATION: Non-regulated solid waste
DISPOSAL METHOD: Approved landfill
Waste from this product is not considered hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Dispose of in accordance with Federal, State, and Local regulation regarding pollution.

Section 14 – Transportation Information

OCEAN SHIPMENT: Not subject to IMDG code
AIR SHIPMENT: Not subject to IATA regulations
DOT ROAD SHIPMENT: Not subject to DOT

Section 15 – Regulatory Information

REGULATORY DATA
Ingredient Name: Sodium Silicate
SARA 313: No
TSCA Inventory: Yes
CERCLA RQ: N/A
RCRA Code: N/A

Section 16 – Other Information

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). The information herein is given in good faith, but no warranty, expressed or implied is made. Contact Flame Tech Inc. for further information: 1-800-638-3160