ENGINEERING & FIRESTOP SYSTEMS (P) LTD.

**SAFETY DATA SHEET**

# WATER BASED FIRE RETARDANT CABLE COATING COMPOUND

# FIRESTOP®-AK 312 THICK MASTIK COMPOUND

## SECTION 1 – PRODUCT & COMPANY IDENTIFICATION

| | | |
|---|---|---|
| Name of Product | - | **FIRESTOP® - AK312 Fire Retardant Cable Coating Compound**<br>**Water Based Thick Mastic Compound** |
| Use | - | Fire Proofing for PVC Cables, Civil & Wall, Metal Substrates, etc. |
| Manufacturer Name | - | Asharam Engineering & Firestop System Private Limited |
| Registered Address | - | Village: Dumarmuda, Odisha Road, near Popular Dhaba, Raigarh (C.G.) |
| Date of Preparation | - | 21st Oct. 2026 (This document forfeits all the older versions of SDS) |
| Date of Validation | - | 31st December 2027 |
| Emergency Number | - | +91 93406 90616, Email: info@firestop.co.in |

## SECTION 2 – HAZARDS IDENTIFICATION

**PHYSICAL HAZARDS** - None

**HEALTH HAZARDS**

Acute Toxicity:

Oral: Not Classified

Dermal: Not Classified

Inhalation: Not Classified

Skin Corrosion/Irritation: Not Classified

Serious Eye Damage/Eye Irritation: Not Classified

Respiratory of Skin Sensitization: Not Classified

Germ Cell Mutagenicity: Not Classified

Carcinogenicity: Not Classified

Reproductive Toxicology: Not Classified

Target Organ Systemic Toxicity – Single Exposure: Not Classified

Target Organ Systemic Toxicity – Repeated Exposure: Not Classified

Aspiration Toxicity: Not Classified

**ENVIRONMENTAL HAZARDS**

Hazardous to the Aquatic Environment: Not Classified
Acute aquatic toxicity: Not Classified
Chronic aquatic toxicity: Not Classified
Bioaccumulation potential: Not Classified
Rapid degradability: Not Classified

**HAZARDOUS STATEMENTS** - None

**Precautionary Statements** - Keep out of reach of Children

Wash Hand thoroughly after handling

**SUMMARY OF ACUTE HAZARDS**

Exposure from Dust may cause eye and respiratory irritation.

**Route Of Exposure, Signs & Symptoms**

INHALATION

May Cause respiratory irritation

EYE CONTACT

Contact may cause Eye irritation

SKIN CONTACT

Contact may cause Skin irritation

INGESTION

Possible irritation on mucous membranes of the mouth, throat and stomach

SUMMARY OF CHRONIC HAZARDS

Not Known

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Persons with impaired pulmonary function and/or pre-existing eye or skin conditions may be more susceptible to the effects of this product.

## SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substances

Not Applicable

3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of Haz Com 2012

## SECTION 4 – FIRST AID MEASURES

If Inhaled: Remove to fresh air. Administer oxygen or artificial respiration if needed. Seek immediate medical attention

If on Skin: Wash with soap and water. If irritation occurs seek medical attention

If in eyes: Immediately wash with large amounts of water. If irritation occurs seek medical attention

If swallowed: If swallowed call a physician immediately, only induces vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person

## SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media: Product itself is non-combustible. Fire extinguishing method of surrounding areas must be considered. Extinguishing media that must not be Full water Jet used.

**Special hazards arising from the substance or mixture:**

In the event of fire, the following can be released: Thermal decomposition may yield CO, CO2, and traces of fragmented short chain hydrocarbons. No direct explosion hazard.

**Advice for firefighters:**

Use self-contained breathing apparatus. Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations. Comply with applicable environmental regulations limiting discharge to air water and soil

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:**

High risk of slipping due to leakage/spillage of product. Use personal protective clothing.

**Environmental Precautions:**

Do not discharge into the drains/surface waters/groundwater.

**Methods and material for containment and cleaning up:**

Take up mechanically. Take up residues with absorbent material (e.g., sand, sawdust, general purpose binder, diatomaceous earth). Dispose of absorbed material in accordance within the regulations.

## SECTION 7 – HANDLING & STORAGE

**SHELF LIFE:** 18 months from manufacturing date (minimum)

**Precautions to be taken in Handling and Storing:** Keep container closed and upright when not in use.

**Other Precautions**: Avoid prolonged or repeated contact with skin or clothing.

KEEP OUT OF REACH OF CHILDREN

## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

**Respiratory Protection:** Dust Mask

**Ventilation:** Local exhaust acceptable

**Special:** N

**Other:** N/A

**Protective Gloves:** Wear rubber hand gloves (while exposure)

**Eye Protection:** Safety glasses

**Other Protective Clothing:** N/A

Work/Hygienic Practices: Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking or leaving work area, Launder contaminated area before reuse.

## SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

| | | |
|---|---|---|
| Boiling Point | - | NA |
| Bulk Density | - | ≥ 1260 kg. / $m^3$ |
| Vapor Pressure | - | N/A |
| Melting Point | - | N/A |
| Vapor Density (Air = 1) | - | N/A |
| Evaporation rate | - | N/A |
| Appearance/Odor | - | White/No Odor |
| Solubility in water | - | Insoluble |
| Flash Point | - | Not Applicable |
| Lower explosion limit | - | Not Applicable |
| Upper explosion limit | - | Not Applicable |
| Volatile Organic Compounds (VOC) Content (Theoretical percentage by weight) | - | <10 mg/L |

## SECTION 10 – STABILITY AND REACTIVITY

Reactivity: No dangerous reactions known if used as directed.

Chemical stability: The product is stable under standard conditions.

Possibility of hazardous reactions: Reactions with strong oxidizing agents.

Conditions to avoid: See SECTION 7

Hazardous decomposition products: No hazardous decomposition products known at room temperature. Thermal decomposition may yield CO, CO2, and traces of fragmented short chain hydrocarbons

Hazardous Polymerization: Will not occur.

## SECTION 11 – TOXICOLOGY INFORMATION

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Dermal rat LD :> 10000 mg
Skin corrosion/irritation: Not classified (Based on available data, the classification criteria are not met) pH: ≥7

Serious eye damage/irritation: Not classified (Based on available data, the classification criteria are not met) pH: ≥7

Respiratory or skin sensitization: Not classified (Based on available data, the classification criteria are not met) pH: ≥7

Chronic Health Hazard: Nil

Toxicological Data: Does not contain a relevant substance that meets the classification criteria. Based on the available information, the classification criteria are not fulfilled. Toxicological data of complete product are not available.

## SECTION 12 – ECOLOGICAL INFORMATION

Ecological Data:
Name of Ingredient (No Data available for the product)

## SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Classification: Non-regulated solid waste

Disposal Method: Approved landfill

Waste from this product is not considered as hazardous waste.

## SECTION 14 – TRANSPORTATION INFORMATION

AIR: Not Regulated

ROAD: Not regulated

OCEAN: Not Regulated

Marine transport in accordance with IMDG : Not classified as “Dangerous Goods”

## SECTION 15 – REGULATORY INFORMATION

Physical Safety Assessment : Not Applicable

Chemical Safety Assessment : Not Applicable

## SECTION 16 – OTHER INFORMATION

The information provided to the best of our knowledge and findings, but no warranty, expressed or implied is made. Consult Asharam Engineering & Firestop System Private Limited for more information. Email: info@firestop.co.in.

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