



SAFETY DATA SHEET

According to Regulation (EC) No. 2015/830

Revision Date 26.10.2021

KK-FRMB

Revision 1.0

Issue Date 25.10.2020

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1.Product identifier

Product name : KK-FRMB

Product identifier : Flame Retardant Compound for solar cables

1.2.Relevant identified uses of the substance or mixture and uses advised against

Identified uses : For solar cables

1.3. Details of the supplier of the safety data sheet

Manufacturer : KABKOM KIMYA SAN VE TIC A.S.
İbni Melek OSB TOSBİ Yol 1 No:13 PK:35900 Tire/İZMİR
Tel : +90 (216) 807 20 04

Contact Person : Aslı BAKANNOĞLU

1.4. Emergency telephone number

KABKOM KIMYA SAN VE TIC A.S.

[Tel:+90 216 807 20 04](tel:+902168072004)



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SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification : Data not available

2.2. Label elements, including precautionary statements

Symbols	:Data not available
Signal Word(s)	:Data not available
Hazard statement(s)	:Data not available
Precautionary statement(s)	:Data not available
Prevention	:Data not available
Response	:Data not available
Storage	:Data not available
Disposal	:Data not available

2.3. Other hazards

Other hazards which do not result in classification

NFPA Code: Health(1), Flammability (1), Reactivity (0)

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Mixtures

The components are not hazardous or are below required disclosure limits.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation	:Move person to fresh air; if effects occur, consult a physician
Ingestion	:If swallowed, seek medical attention
Skin contact	:If molten material comes in contact with the skin, do not apply ice but cool under ice water. Seek medical attention immediately
Eye contact	:Flush eyes thoroughly with water for 15 minutes at least. If effects occur, consult a physician



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4.2. Most important symptoms and effects, both acute and delayed

Inhalation	:Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
Ingestion	:No known significant effects or critical hazards.
Skin contact	:No known significant effects or critical hazards.
Eye contact	:No known significant effects or critical hazards.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician	:In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Specific treatments	:No specific treatment.
Protection of first-aiders	:No action shall be taken involving any personal risk or without suitable training.

Over-exposure signs/symptoms

Inhalation	:No specific data.
Ingestion	:No specific data.
Skin contact	:No specific data.
Eye contact	:No specific data.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media: Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Faom. Water fog or fine spray.

5.2. Special hazards arising from the substance or mixture

During a fire, smoke contain the original material in addition to combustion products of varying composition which may be toxic or irritation.



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5.3. Advice for firefighters

Special protective equipment and precautions for firefighters

Wear firefighting clothing (helmet, coat, trousers, boots and gloves)

Keep people away

Cool surroundings with water to localize fire zone.

Hand held dry chemical or CO₂ extinguishers may be used for small fires.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Isolate the hazard area. Use appropriate safety equipment.

Spilled material may cause a slipping hazards.

6.2. Environmental precautions

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

6.3. Methods and material for containment and cleaning up

Contain spilled material if possible. Sweep up. Collect in suitable containers.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Good housekeeping and controlling of dusts are necessary for safe handling of product.

7.2. Conditions for safe storage, including any incompatibilities

Store in accordance with good manufacturing practices.



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SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

8.1. Control parameters/ Exposure limits in the air of the workplace, biological limit values

Not applicable.

8.2. Exposure Controls

Engineering measures

Good general ventilation should be adopted. Local exhaust ventilation may be necessary for some operations.

Respiratory protection:

Use an approved air-purifying respirator when vapors are generated at increased temperatures or when dust or mist is present.

The following should be effective types of air-purifying respirators

- Particulate filter
- Organic vapor cartridge with a particulate pre-filter

Eye Protection:

Use safety glasses. Water chemical goggles.

Set up the emergency washing unit near the working area.

Hand protection:

Use gloves with insulation for thermal protection.

Body protection:

No precautions other than clean body-covering clothing should be needed.



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information basic physical and chemical properties

Physical Form	:Solid
Color	:Natural
Odor	:Odorless
Melting Point	:Not applicable
Freezing Point	:Not applicable
Specific Density	:1,95±0,05 g/cm ³
Vapor density	:Not applicable
Evaaporation Rate	:None
%Volatile	:None
pH	:Not applicable

9.2. Other information

No information required.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No specific reactivity hazards associated with this product.

10.2. Chemical stability

Stable at room temperature and atmospheric pressure.

10.3. Possibility of hazarous reactions

Will not occur.

10.4. Conditions to avoid

Exposure to elevated temperature. Flame. Ignition source.



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10.5. Incompatible materials

Data not available.

10.6. Hazardous decomposition products

Processing may release fumes and other decomposition products. Fumes can be irritating.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

No toxicology data available the components are not hazardous.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Data not available

12.2. Persistence and degradability

Data not available

12.3. Bioaccumulative potential

Data not available

12.4. Mobility in soil

Data not available

12.5. Other adverse effects

Data not available



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SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Do not allow runoff to sewer, waterway or ground. Dispose of waste and residues in accordance with local authority requirements. Contact specialist disposal companies. Environmental manager must be informed of all major spillages.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

Data not available

14.2. UN proper shipping name

Data not available

14.3. Transport hazard class

Data not available

14.4. Packing group

Data not available

14.5. Environmental hazards

Data not available

14.6. Special precautions for user

Data not available



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SECTION 15: OTHER INFORMATION

15.1. Safety, health and environmental regulations specific for the product in question

EU:

EC classification Not regulated

SECTION 16: OTHER INFORMATION

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