



SAFETY DATA SHEET

According to Regulation (EC) No. 2015/830

Revision Date 09.06.2023

KKX-XLPE

Revision 1.0

Issue Date 04.10.2021

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

1.1.Product identifier

Product name : KKX-XLPE

Product identifier : Silane Cross-linkable Polyethylene Compound

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

Identified uses : For the insulation of low voltage energy 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 Sk. No:13

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

kalite@kabkom.com.tr

Contact Person : Mrs. Beril Elibol

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.GHS classification in accordance with the Hazardous Products Regulations

Not a hazardous substance or mixture.

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

The product burns, but is not classified as flammable.

Dust from the product gives a potential risk for dust explosion.

During crosslinking reaction in combination with catalyst masterbatch: methanol (Flam. Liq. 2; H225, Acute Tox. 3; H301, Acute Tox. 3; H311, Acute Tox. 3; H331, STOT SE 1

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Mixtures

Substance / Mixture : Mixture

Components

No hazardous ingredients



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SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

- If inhaled** : Move to fresh air.

 - In case of skin contact** : If molten material comes in contact with the skin, cool with plenty of water. **DO NOT** remove solidified product, as removal could result in severe tissue damage.
Obtain medical attention.

 - In case of eye contact** : Flush eyes with water as a precaution.
Get medical attention if irritation develops and persists.

 - If swallowed** : Rinse mouth with water.
Consult a physician if necessary.

 - Most important symptoms and effects, both acute and delayed** : Inhalation of dust may irritate the respiratory tract.
Prolonged inhalation of high doses of decomposition products may give headache or irritation of the respiratory tract.
Methanol: Toxic by inhalation, in contact with skin and if swallowed.
Very serious irreversible effects through inhalation, in contact with skin and if swallowed.
Symptoms of poisoning (methanol): Daze
Dizziness
Nausea
Abdominal pain
Respiratory disorders

 - Notes to physician : Treat symptomatically.
No specific instructions needed.
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4.2. Most important symptoms and effects, both acute and delayed



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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.

4.4.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 orginal material in addition to combustion products of varying composition which may be toxic or irritation.

5.3. Advice for firefighters



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Special protective equipment and precautions for firefighters

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

Keep people way

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

Vacuum or sweep up spill.

All spill of material must be removed immediately to prevent slipping accidents.

Recycle or dispose loose material properly.

Do not flush into surface water or sanitary sewer system.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Dust from the product gives a potential risk for dust explosion. All equipment shall be grounded.

Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces

7.2. Conditions for safe storage, including any incompatibilities

During processing and thermal treatment of the product, small amounts of volatile hydrocarbons may be released.



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Provide adequate ventilation.

Local exhaust ventilation may be necessary. Avoid inhalation of dust and decomposition fumes.

Avoid contact with skin and eyes.

Safety aspects do not require any special precautions in terms of storage.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Appropriate personal protective equipment (PPE) shall be worn in accordance with Regulation (EU) 2016/425. When using do not eat, drink or smoke. Wash hands before breaks and at the end of workday.

Hand protection: . Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information n basic physical and chemical properties

Physical Form	:Granule
Color	:Natural
Odor	:Odourless
Melting Point	:Not applicable
Freezing Point	:Not applicable
Specific Gravity	:0,928 g/cm ³
Vapor density	:Not applicable
Evaaporation Rate	:None
%Volatile	:None
Flash point	:Not applicable
Evaporation rate	:Not applicable
Explosive properties	:Not explosive



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Oxidizing properties :The substance or mixture is not classified as oxidizing

pH :Not applicable

9.2. Other information

Reactivity : Stable under recommended storage conditions.

Chemical stability : The product is a stable thermoplastic, with no chemical reactivity.

Possibility of hazardous reactions : None known.

Conditions to avoid : Extremes of temperature and direct sunlight.

Incompatible materials : None known.

Hazardous decomposition products : Under fire conditions:
Carbon monoxide

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 hazardous reactions

Will not occur.

10.4. Conditions to avoid

Exposure to elevated temperature. Flame. Ignition source.

10.5. Incompatible materials

Data not available.

10.6. Hazardous decomposition products

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



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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

Remarks: Does not accumulate in organisms

12.4. Mobility in soil

Remarks: Not expected to adsorb on soil.

12.5. Other adverse effects

Data not available

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



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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

SECTION 15: OTHER INFORMATION

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

NPRI Components : methanol
chlorine

SECTION 16: OTHER INFORMATION

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of KABKOM KIMYA. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards,



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which exist. KABKOM KIMYA assumes no legal responsibility for loss, damage or expense arising out of, or in any way connected with, the handling, storage, use or disposal of this product.