



SAFETY DATA SHEET

According to Regulation (EC) No. 2015/830

Revision Date 09.06.2023

KKX-420G

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 : KKK-420G

Product identifier : Cross-linkable Elastomer Compound

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

Identified uses : For the production of energy, signal and control cables

1.3. Details of the supplier of the safety data sheet

Manufacturer : KKKOM KIMYA SAN VE TIC A.S.

İbni Melek OSB TOSBİ Yol 1 Sk.No:13 PK:35900

Tire / İZMİR

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

Contact Person : Aslı BAKANÖĐLU

1.4. Emergency telephone number

KKKOM 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 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

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

8.1. Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Occupational exposure limits of decomposition products

Components	CAS-No.	Value type (Form of exposure)	Control Parameters/ Permissible concentration	Basis
methanol	67-56-1	TWA	200 ppm 262 mg/m ³	CA AB OEL
		STEL	250 ppm 328 mg/m ³	CA AB OEL
		TWA	200 ppm	CA BC OEL
		STEL	250 ppm	CA BC OEL
		TWAEV	200 ppm	CA QC OEL
			262 mg/m ³	
		STEV	250 ppm 328 mg/m ³	CA QC OEL
		TWA	200 ppm	ACGIH
		STEL	250 ppm	ACGIH

8.2. Engineering measures : Provide adequate ventilation.

8.3 Respiratory protection

- In case of dust development use dust mask.
- : In the case of vapour formation use a respirator with an approved filter.



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When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used. Local exhaust Local ventilation may be necessary.

8.4.Hand protection

Remarks : 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.

8.5.Eye protection : Safety glasses

8.6.Skin and body protection : Protective clothing

8.7.Hygiene measures : When using do not eat, drink or smoke.
Wash hands before breaks and at the end of workday

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** :0,89 g/cm³
- Vapor density** :Not applicable



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Evaaporation Rate	:None
% Volatile	:None
Flash point	:Not applicable
Evaporation rate	:Not applicable
Explosive properties	:Not explosive
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 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

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



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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

SECTION 15: OTHER INFORMATION

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

NPRI Components : methanol
chlorine

SECTION 16: OTHER INFORMATION



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