SECTION 1:1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name - KEP ETHYLENE PROPYLENE RUBBER
Ethylene Propylene Copolymer/Terpolymer/Oil Extended Polymer
Rev. Date
Supplier/Manufacturer - XIAMEN STARROCK STONE CO.,LTD
Address : ROOM 607.NO.555.QIANPU EAST ROAD,SIMING DISTRICT,XIAMEN
TEL : 86-592-6019139 FAX : 86-592-5686628
- November 19. 2023

SECTION 2: COMPOSITION

CAS NO. - EPM grade (CAS No. 9010-79-1)

Material	CAS No.	Concentration (%)
ETHYLENE	74-85-1	50 ~ 75
PROPYLENE	115-07-1	25 ~ 50

- EPDM grade (CAS No. 25038-36-2)

Material	CAS No.	Concentration (%)
ETHYLENE	74-85-1	50 ~ 75
PROPYLENE	115-07-1	25 ~ 50
ENB	16219-75-3	0 ~ 10

- Oil extended grade (CAS No. 25038-36-2 and 64742-54-7)

Material	CAS No.	Concentration (%)
ETHYLENE	74-85-1	50 ~ 75
PROPYLENE	115-07-1	25 ~ 50
OIL	No Reportable Ingredient	13 ~ 50

SECTION 3: HAZARD IDENTIFICATION

Hazardous Ingredient - This product is not hazardous as defined in CFR1910.1200
Eye Contact - Particulates may scratch eye surfaces/cause mechanical irritation.
Skin Contact - No hazard in normal industrial use.
Exposure to hot material may cause thermal burns.
Inhalation - Negligible hazard at ambient temperature
Ingestion - No hazard in normal industrial use.

SECTION 4: FIRST AID MEASURES

The first aid measures presented below are applied in the result of cutting, crushing, grinding or sawing so intact tiles pose no need for the first aids presented.

Eye contact - This product is an inert solid. If in eye, remove as one would any foreign object.

Skin contact - For hot product, immediately immerse in or flush the affected area with large amount of cold water to dissipate heat. Cover with clean cotton sheeting or gauze and get prompt medical attention. No attempt should be made to remove material from skin or to remove contaminating clothing, as the damaged flesh can be easily torn.

Inhalation - Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.

Ingestion - First aid is normally not required.

SECTION 5: FIRE-FIGHTING MEASURES

Flash Point - > 482 °F Note : Greater Than, Decomposes

Auto ignition Temperature - Not Applicable

Flammable Limits - Not Applicable

Fire Fighting - Use water spray to cool fire exposed surfaces and to protect personnel. Isolate "fuel" supply to fire. Extinguish the fire by cooling with water spray. Respiratory and eye protection required for fire fighting personnel.

Hazardous Combustion of Product - Under Oxygen lean conditions. Carbon Monoxide (CO) and irritating smoke may be produced.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Land spill - Recover spilled material and place in suitable containers for recycle or disposal. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

Water spill - Recover spilled material and place in suitable containers for recycle or disposal. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

SECTION 7: HANDLING AND STORAGE

Electrostatic Accumulation Hazard - No, but use proper grounding procedure

Storage Temperature, °F - Ambient

Storage/Transport Pressure, mmHg - Atmospheric

Loading/Unloading Temperature, °F - Ambient

Viscosity at Loading/Unloading - Not Applicable

Temperature, cST

Storage/ Keep - Avoid the heat or sunlight. Store in a well ventilated place. Store in a cool, dry place. Keep container tightly closed.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls - Use local ventilation to Control fumes from hot processing. Use static controls. Static charges can build up and ignite dust or solvent laden atmospheres.

Personal Protection - For open system at ambient temperature(-18 to 38 ℃) where contact is likely, wear safety glass where contact may occur with not material, wear thermal resistant gloves, arm protection, and a face shield. where concentrations in air may exceed the limits given in this section and engineering, work practice or other means of exposure reduction are not adequate, NIOSH/MSHA approved respirators may be necessary to prevent overexposure by inhalation

Ventilation - Local exhaust ventilation of process equipment may be to control particulate exposures to below the recommended exposure limit. See personal protection recommendations

Workplace Exposure Limits - OSHA regulation 29CFR1910.1000 requires the following permissible exposure limits : 5 mg/m3(respirable dust), and 15 mg/m3(total dust) based on the OSHA, PEL for nuisance dust. - The ACGIH recommends the following occupational exposure limit : a TWA of 10 mg/m3(total dust) for nuisance dust

SECTION 9: PHYSICAL AND CHEMICAL DATA

Physical State - White to slight brown rubber solid

Flash Point(PMCO)(°C) - Not Applicable

Solubility In Water(kg/m3) - Insoluble

Vapour Pressure(kPa) - Not Applicable

Density(kg/m3) - 860 ~ 890

Pour Point (°C) - Not Applicable

SECTION 10: STABILITY AND RELIABILITY

Chemical Stability - Stable at normal temperatures and storage conditions

Conditions to Avoid Instability - Extension heating at temperature above 250°C(482 F) can result In decomposition.

Hazardous Polymerization - Polymerization will not occur.

Materials and Conditions to avoid - High diene grades should not be heated above 350°F/177°C unless incompatibility oxygen is excluded or more antioxidant is added before storage. See product identification section for list of high diene grades.

Hazardous Decomposition Products - Flammable Hydrocarbon. Certain grades- acetic acid . See product Identification section

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity - Not Applicable

Local Affection - Not Applicable

SECTION 12: ECOLOGICAL INFORMATION

This product is not regulated.

SECTION 13: DISPOSAL CONSIDERATIONS

Observe the all regulations made by administration.

SECTION 14: TRANSPORT INFORMATION

This product is not DOT regulated.

SECTION 15: REGULATORY INFORMATION

TSCA - This product is listed on the TSCA Inventory

CERCLA : - If the reportable quantity of this product is accidentally spilled, the incident is subject to the provisions of the Comprehensive Environmental Response. Compensation and Liability Act (CERCLA) and must be reported to the National Response Center by calling 800-4424-8802 (In U.S.A) and KEPR(061-688-2830)
The reportable spill quantity of this product is 5,880pounds.
This product contains : n-Hexane, CAS No. 110-54-3

SARA TITLE III : - Under the provisions of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act, this product is classified into the following hazard categories : Not Hazardous

SECTION 16: OTHER INFORMATION

※ NOTES

1) Applicable grades of KEP Copolymers(CAS No. 9010-79-1) are :
KEP : 020P, 070P, 110, 2060
EP : 11, 11A

2) Applicable grades of KEP Terpolymers(CAS No. 25038-36-2) are :
KEP : 210, 220, 240, 270, 281F, 330, 350, 370F, 430H, 435, 510, 570F(C,P)
650(L), 1030F, 7141, 2320, 2380, 2480
EP : 21, 22, 27, 37F, 43, 51,

3) Applicable grades of Oil Extended Terpolymers(CAS No. 25038-36-2 and 64742-54-7) are :
KEP : 901, 960, 960F, 980,1030EF, 2733

4) High diene grades
KEP : 330, 350, 370F, 650(L) , 2480

If previously heated above 350°F/177°C unless Oxygen is excluded from the storage area or more antioxidant is added before storage of the polymer

Acetic acid is liberated as a hazardous decomposition product from these grades
This information relates to the specific material designated and not be valid for such material used in combination with any other materials or in any process.

Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no presentation, warranty or guarantee is made as to its accuracy, reliability or completeness.

It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.

We don't accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.