

FKM - Material Safety Data Sheet

Product Identification

Product Name: FKM

Trade Name	CAS Number	Parts by Weight in %
FKM 2602		67.20%
AF	1478-61-1	1.07%
N990	1333-86-4	21.36%
Calcium hydroxide	1305-62-0	3.56%
MgO-150	1309-48-4	1.78%
WAX	8015-86-9	1.19%

Physical and Chemical Properties

Water Solubility	No
Specific Gravity	1.85
Steam Gravity, 1 atm	Not determined.
Evaporation rate	Not determined.
Vapour Pressure	Not determined.
Liquid Viscosity	Not determined.
Freezing / Melting Point	Not determined.
Boiling Point	Not determined.

Health Hazard Data

Eye Contact	Particle will scratch the eye surface/lead to physical stimuli
Skin Contact	In normal industrial use is not dangerous, exposed to the hot material may cause thermal burns
Ingestion	When the ambient temperature as follows, can ignore the danger (-18-38°C / 0-100°F)
Inhalation	In normal industrial use is not dangerous

First Aid Measures

Eye Contact	The material is inert solid, can be moved away like other impurities
Skin Contact	If skin touch high heating material, immediately flush with cold water or immersed in cold water, with a clean cloth or gauze to cover the affected area of skin, and immediately seek medical advice. Do not attempt to remove or to remove stains on clothing directly, this easily lead to the affected area of flesh torn.
Ingestion	Proper respiratory protection, immediately place the victim to fresh air. If not breathing, give artificial respiration, immediately ask the health care to treat.
Inhalation	Usually do not require first aid

Fire Fighting Measures

Flash Point	> 287°C
Auto ignition Temperature	Not determined.
Flammability Limits in Air	Not determined
General restrictions	Burn when the solid material is on or above the flash point; In the event of thermal decomposition, flammable / toxic gases may be released; Will produce toxic gases when burned; Accompanied by spicy smell smoke can cause a fire, cause tears;
Extinguishing Media	On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO ₂), dry chemical or water spray. Water can be used to cool fire exposed containers.
Fire Fighting Procedures	Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.
Product of combustion	When lack of oxygen, may produce carbon monoxide (CO) and irritating fumes

Accidental Release Measures

Land overflow	Recycling the raw material of overflow, into the appropriate container and tied with a ribbon, for reuse or disposal; Consult the experts handle the recovery of raw materials to ensure compliance with the provisions of the local processing recycled materials
Water overflow	Recycling the raw material of overflow, into the appropriate container and tied with a ribbon, for reuse or disposal; Consult the experts handle the recovery of raw materials to ensure compliance with the provisions of the local processing recycled materials

Exposure Controls

Personal protection	Because there may be exposed to the ambient temperature (- 18 ~ 38°C / 0 ~ 100°F) open systems, please bring safety goggles; When touching heating material ,take a good heat-resistant gloves, sleeves and face masks.
Ventilation	Local exhaust ventilation may be required processing equipment controlled at below recommended exposure limits. Please refer to personal protection recommendations.

Stability and Reactivity

Stability	Stable.
Conditions to avoid	Heating on above 287 may lead to decomposition
Polymerization	None
Materials and condition to avoid	Unless oxygen is eliminated in storage area or more antioxidants be added into the rubber compound, Otherwise the Sophomore olefin grade product should not be heated to 287 , please refer to Sophomore olefin rating list.
Hazardous decomposition products	Flammable hydrocarbons, Hydrogen fluoride, Reference product identification section can require access highly toxic data.

Workplace Exposure Limit

United States Occupational Safety and Health Regulations prescribed by the Board (29 CFR1910.1000) below permissible exposure limits nuisance dust limit of elasticity according to the American Occupational Safety and Health Regulations prescribed by the Board, should be 5 mg / m (respirable dust) and 15 mg / m (total dust).Recommends the following critical limits again, public nuisance dust per 10 mg / m (total dust) as a TWA value.

Environmental Impact Data

This product is unregulated

Disposal Considerations

Comply with all the provisions made by the executive branch

Transport Information

Comply with all the provisions made by the executive branch

Not subject to DOT.

Ocean Shipment (IMDG)

Not subject to IMDG code.

Air Shipment (IATA)

Not subject to IATA regulations

Regulatory Information

Contents of this MSDS comply with the OSHA Hazard Communication Standard CFR1910. 1200. TSCA Status: All chemical substances in this material are included on or exempted from listing on the TSCA When overflow reaches the reporting requirements, comply with the "Comprehensive Environmental Response, Compensation and Liability Act" (CERCLA).If the overflow quantity of the product to reach 5,880 pounds, to be reported. According to Super fund amendments and Reauthorization Act Section 311/312 title 3 stated, This product is included in the following danger categories: non-hazardous. This product does not contain parts listed 313 reportable ingredients.

Other Information

The above information is on the designated special materials, but does not apply in any case where the processing of these materials with other materials or mixtures. These are the most reliable and accurate information that we do our best so far obtained. However, we cannot guarantee or warrant that its content is accurate, reliable and complete. When the user use and their applicability must be fully aware of the content in order to achieve the purpose of use. We are not responsible for loss or damage to occur when using the above information, and assume warranty for violations.

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