

SAFETY DATA SHEET**ID# SDS**Issue Date: March 8, 2023
Revised Date: June 6, 2023
Revision No. 2**Section 1: Identification****Product Identifier:** KyronMax P-1503-0001**Manufacturer:**Mitsubishi Chemical Advanced Materials, Inc.
1705 N 48th St.
Mesa, AZ 85205
480-926-8100

In case of an emergency, please call Chemtrec 1-800-424-9300.

Recommended Use: Material used for injection molding.**Section 2: Hazard Identification****GHS – Classifications****Classification:** None**Signal Word:** None**Pictograms and Symbols:** None**Hazard Statements:** May form combustible dust concentrations in air.**Precautionary Statements:** None**Section 3: Composition/Information on Ingredients**

Chemical Name	CAS No.	Weight %
Copolymer Polypropylene	9010-79-1	> 80
Carbon Fiber	7440-44-0	< 10
Maleic Anhydride	-	< 5
Heat Stabilizer	-	< 1

Section 4: First-Aid Measures**Eyes:** Flush with plenty of water for at least 15 minutes. Seek medical attention if irritation continues.**Skin:** No health risks concerning skin contact at room temperature. Wash with soap and cool water. If molten material comes in contact with the skin, cool under running water. Do not attempt to remove the molten material from the skin. Get medical attention immediately.

Inhalation: If inhaled, remove to fresh air. Seek medical attention if respiratory irritation occurs or breathing becomes difficult.

Ingestion: Rinse the victim's mouth with plenty of water. Do not induce vomiting. Seek medical attention. If swallowed, immediately call a poison center or doctor/physician.

Section 5: Fire-Fighting Measures

Suitable extinguishing media: dry powder, foam

Unsuitable extinguishing media: carbon dioxide, water jets

Thermal decomposition can lead to release of irritating and toxic gases and vapors including carbon oxides.

Dust is flammable and explosive when finely divided and suspended in air.

Section 6: Accidental Release Measures

If a spill occurs, stop the leak at the source and sweep up for disposal. Do not flush to sewers or waterways. Avoid generating dusty conditions. Eliminate all ignition sources. Dust may cause irritation of eyes and skin. Ensure adequate ventilation.

Section 7: Handling and Storage

Precautions for Safe Handling

Personal hygiene such as washing the hands and face immediately after working with this material and before eating is recommended.

Sweep up to prevent slipping hazard.

Dust may form explosive mixtures with air. Avoid dust formation and control ignition sources. Keep away from heat, sparks, flame, and other ignition sources. Prevent dust accumulations and dust clouds. Employ ground, bonding, venting, and explosive relief provisions in accordance with accepted engineering practices and NFPA provisions in any process capable of generating dust and/or static electricity. Explosion hazards apply only to dusts, not granular forms of this product.

The handling of powder in both loading and unloading operations, as well as fabrication, may cause dust to be formed and necessary precautions for personal protection should be used. As with all finely divided materials precautions should be taken to avoid inhalation and eye contact.

If in dust form, transfer from storage with a minimum amount of dusting. Ground all transfer, blending, and dust collecting equipment to prevent static sparks in accordance with NFPA 70 "National Electric Code." Review and comply with all relevant NFPA provisions, including but not limited to NFPA 484 and NFPA 654 related to combustible dust hazards. Remove all ignition sources from material handling, transfer, and processing areas where dust may be present. Local exhaust ventilation should be provided in work area.

Precautions for Safe Storage

Keep container tightly closed and dry; store in a cool place.

Section 8: Exposure Controls/Personal Protection

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH REL
Particulates	15 mg/m3 -Total	10 mg/m3 Respirable	Not Determined

Engineering Measures:

Provide local exhaust ventilation to keep airborne particulate concentrations below 15 mg/m3, the OSHA limit for nuisance dusts. Remove sources of ignition.

Personal Protective Equipment: Eyes/Face

Avoid contact with eyes. Wear safety glasses with side shields or goggles.

Personal Protective Equipment: Skin

When handling molten material, protective clothing such as long sleeves or laboratory coat should be worn. Use heat-resistant and impermeable gloves. Use heat resistant boots and face protection.

Personal Protective Equipment: Respiratory

If levels are above published OELs, then a NIOSH approved respirator with particulate filters.

Good industrial hygiene practice should be followed which includes preventing eye contact, minimizing skin contact and minimizing inhalation of dust, vapors or mist.

Section 9: Physical and Chemical Properties

Appearance and Odor	Black solid pellets with no odor
Odor Threshold	No Information Available
Specific Gravity (Relative Density)	No Information Available
Solubility in Water	No Information Available
VOC Content (%)	No Information Available
pH	No Information Available
Melting Point/Freezing Point	No Information Available
Vapor Pressure	No Information Available
Vapor Density	No Information Available
Evaporation Rate	No Information Available
Boiling Point	No Information Available
Flammability	May form combustible dust concentrations in air.
Explosion Data	No Information Available
Auto ignition Point	No Information Available
Partition Coefficient: n-octanol/water	No Information Available
Decomposition Temperature	No Information Available
Viscosity	No Information Available

Section 10: Stability and Reactivity

Reactivity:

No known reactivity under normal conditions.

Chemical Stability:

Material is stable under normal conditions.

Conditions to Avoid:

High temperatures. Ignition sources. Dust generation and/or accumulation. Incompatible materials. Moisture.

Incompatibility:

May react vigorously or violently when mixed with strong oxidizing agents. Strong acids. Strong bases.

Hazardous Decomposition Products:

May lead to release of hazardous gases and vapors such as carbon oxides

Section 11: Toxicological Information

Signs and Symptoms of Overexposure: Eye irritation signs and symptoms may include a burning sensation, redness, swelling, and/or blurred vision. Respiratory irritation signs and symptoms may include a temporary burning sensation of the nose and throat, coughing, and/or difficulty breathing.

Aggravated Medical: None.

Acute Effects: No acute toxicity information is available

Skin Corrosion/Irritation: No information available

Serious Eye Damage/Irritation: Particulates can be mechanically irritating to the eyes.

Ingestion: No information available

Inhalation: No information available

Respiratory or Skin Sensitization: No information available

Chronic Effects: None.

Germ Cell Mutagenicity: No information available

Carcinogenicity: No information available

Reproductive Toxicity: No information available

STOT-single Exposure: No information available

STOT –multiple Exposure: No information available

Aspiration Hazard: No information available

Section 12: Ecological Information**Ecotoxicity:**

No data available

Persistence and degradability:

No data available

Bioaccumulative Potential:

No data available

Mobility in Soil:

No data available

Other Adverse Effects:

No data available

Section 13: Disposal Considerations

Waste disposal: When recycling is not feasible, waste disposal by incineration or landfill can be applied. Disposal methods shall conform to local or other government regulations. Do not discharge product into drains/surface waters/groundwater.

Section 14: Transportation Information

US Department of Transportation Classification (49CFR)

Not classified as hazardous for transport.

Section 15: Regulatory Information

SARA Section 311 & 312: Fire

It is suggested that storage of >10,000 lbs. of polymer in one facility should be listed on a Tier II report.

SARA Section 313:

No information available. Not determined.

TSCA:

Ingredients are listed or exempt on the TSCA (Toxic Substance Control Act) inventory.

CERCLA:

No information available. Not determined.

California Proposition 65:

WARNING: This product can expose you to chemicals including Methanol, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Section 16: Other Information

Label Information

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Mitsubishi Chemical Advanced Materials Inc.
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Precautionary Statements: None

Disclaimer:

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