



MATERIAL SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product name: MyMat Kimi
Description: Thermoplastic
Item Number: 0001
Revision Date: July 31, 2016

Contact for Information/Manufacturer Identification:

MyMat Solutions
Xemein Etorbidea 12A
48270 Markina-Xemein. Bizkaia

SECTION 2 HAZARDS IDENTIFICATION

2.1 Emergency Overview

HMIS (US Only): Health 1, Fire Hazard 1, Reactivity 0

NFPA: Health 0, Flammability 0, Reactivity 0

2.2 OSHA Regulatory Status

All ingredients are encapsulated by the polymer and therefore not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

2.3 Potential Health Effects

Routes of entry for solids include eye and skin contact, ingestion, and inhalation. Refer to Section 4 for First Aid Measures.

2.4 Potential Environmental Effects

None Known.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

This product does not contain chemicals that are considered hazardous under 29 CFR 1910.1200

SECTION 4 FIRST AID MEASURES

Eyes: Flush with water for at least 15 min. If irritation persists seek medical attention.

Skin: For thermal burns, immediately flush with cold water and soap. Do not attempt to remove polymer from skin. Seek medical attention.

Inhalation: Leave exposed area and seek fresh air. If irritation persists seek medical attention.

Ingestion: Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention.



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SECTION 5 FIRE FIGHTING MEASURES

Water protective clothing and use self-contained breathing equipment. Extinguishing media to include water fog, foam, CO₂, and dry chemical.

Burning releases carbon monoxide, carbon dioxide, oxides of nitrogen and traces of hydrogen cyanide. In the event of fire and/or explosion, do not breathe fumes.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Spilled material may cause a slip hazard. Vacuum or sweep material and place in a disposal container.

SECTION 7 HANDLING AND STORAGE

Handling: See 8.3 Personal Protective Equipment

Storage: Keep container closed and dry to prevent contamination

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Exposure Guidelines

This product does not contain chemicals that are considered hazardous under 29 CFR 1910.1200

Special characteristics or information:

No special characteristics listed for this product.

8.2 Engineering Controls

Localized ventilation is recommended.

8.3 Personal Protective Equipment

Eyes/Face: Safety Glasses

Hands: Cotton Gloves for handling molten plastic.

Skin: Protective clothing for contact with molten plastic.

Respirator: NIOSH approved respirator for dust generation from normal processing operations.

Hygiene: Wash thoroughly after handling and before eating or drinking.



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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical Condition:	Solid Filament
Odor:	Almost odourless Characteristic plastic odor during heating
Flammability (solid, gaseous):	Not reasonably applicable
Minimum limit of Explosion:	Not reasonably applicable
Maximum limit of Explosion:	Not reasonably applicable
Vapor Pressure:	Not reasonably applicable
Relative density:	c.a.1.1-1.2 g/ml
Bulk density:	500-700 kg/m ³
pH Value:	Not reasonably applicable
Thermal decomposition:	> 230°C
Viscosity, dynamic:	not applicable
Water solubility:	insoluble

SECTION 10 STABILITY AND REACTIVITY

This product is stable and non-reactive. Hazardous decomposition of products can occur if overheated or ignited.

SECTION 11 TOXICOLOGICAL INFORMATION

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicological studies of the product are not available.
Do not allow to escape into waterways, wastewater or soil.

SECTION 13 DISPOSAL CONSIDERATIONS

Preferred options for disposal are (1) recycling, (2) incineration with energy recovery, and (3) landfill. Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.



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SECTION 14 TRANSPORT INFORMATION

USDOT, IMDG, IATA/ICAO

14.1	UN Number	:	Not dangerous goods
14.2	UN Proper	:	Not dangerous goods
14.3	Transport hazard class(es)	:	Not dangerous goods
14.4	Packing group	:	Not dangerous goods

SECTION 15 REGULATORY INFORMATION

Reference Section 3.

All Components of this product are on or exempt from listing on the US TSCA inventory and on Canadian DSL inventory.

SARA Title III Reporting: Not Required

SECTION 16 OTHER INFORMATION

Definitions:

CAS = Chemical Abstract Number

DSL = Domestic Substance List

OHSA = Occupational Safety and Health Act

PEL = Permissible Exposure Limit

TSCA = Toxic Substance Control Act

SARA = Superfund Amendments & Reclamation Act

VOC = Volatile Organic Chemical

N/E = Not Established