

MATERIAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

Manufacturer/Distributor : Kobo Products, Inc.
Address : 690 Montrose Avenue
So. Plainfield, NJ 07080
Emergency Telephone # : (908) 757-0033
Facsimile Number : (908) 757-0905
Trade Name : **GMS-11S2**
Chemical Name/ Synonyms : Mica (and) Triethoxy Caprylsilane
INCI Name : Mica (and) Triethoxy Caprylsilane

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredients | CAS # | EINECS # |
|------------------------|-----------|-----------|
| Mica | 1200-26-2 | 310-127-6 |
| Triethoxy Caprylsilane | 2943-75-1 | 220-941-2 |

SECTION 3: HAZARD IDENTIFICATION

No particular danger

SECTION 4: FIRST AID MEASURES

Effects and Symptoms:

Effects of Overexposure: May cause mechanical irritation to eyes.
Medical Conditions Aggravated by Exposure: Persons with respiratory conditions maybe at increased risk.
Primary Route(s) of Entry: Inhalation, Ingestion and eyes.

Emergency First Aid:

Eye Contact: Flush eyes with water for at least 15 min. See physician if irritation persists.
Skin Contact: Flush skin with soap and water for at least 15 min.
Inhalation: Remove to fresh air. If breathing is difficult give oxygen. See physician.
Ingestion: None needed for small amounts. For large amounts, if conscious, give water and call physician. Do not induce vomiting.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point (Closed Cup) : Non flammable, non-combustible.
Flammable Limits LEL/UEL % : N/A
Extinguishing Media : Water, Dry Chemical, Foam, CO₂
Special Fire Fighting Procedures : Self-contained breathing apparatus fighting fires.
Unusual Fire And Explosion Hazards : Excessive concentrations of airborne dust may lead to an explosion hazard.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions : Eye contact and inhalation.
Environmental Precautions: : Prevent material from contaminating soil or entering sewerage and drainage systems.
Spill response : Use appropriate NIOHS/MSHA approved respirator. Wear chemical gloves, goggles, and lab coat.
Carefully contain spilled material. Deposit spilled material in appropriate waste container. Wash spill area with soap and water.

SECTION 7: HANDLING AND STORAGE

Handling : Use with adequate ventilation. Avoid contact with eyes. Wash thoroughly after handling and before mealtimes. Follow all MSDS and label precautions even after container is emptied since it may contain residual material.
Storage : Store containers closed in ambient location.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

| Exposure Levels: Component | OSHA | | ACGIH | |
|-------------------------------|---------------------|-----|---------------------|-----|
| | TWA | PEL | TWA | TLV |
| Mica | 3 mg/m ³ | | 3 mg/m ³ | |

Personal Protection:

Eye Protection : Safety glasses with sided shields or goggles
 Skin Protection : Rubber gloves, wash at meals and end of shifts
 Respiratory Protection : Use NIOSH/MSHA approved air-purifying respirator as needed to control exposure.
 Ventilation : Provide adequate general mechanical exhaust.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|------------------------|----------|------------------------------|-----------------------------------------------------------|
| Boiling Point (°C) | : N/A | Percent Volatile By Vol. (%) | : <1.0 |
| Freezing Point (°C) | : N/A | Vapor Density (Air=1) | : N/A |
| Melting Point (°C) | : > 1000 | Evaporation Rate (Buac=1) | : 0 |
| Vapor Pressure (mm hg) | : N/A | Solubility In Water | : Insoluble |
| Bulk Density (g/cbi.) | : 4.3 | Appearance & Odor | : Free flowing off-white powder with characteristic odor. |

SECTION 10: STABILITY AND REACTIVITY

Stable: Yes
 Hazardous Polymerization : Will not occur
 Conditions To Avoid : Open flames and sparks, extreme heat, oxidizing materials
 Incompatibility : Oxidizing materials and strong caustic materials can cause a reaction
 Hazardous Decomposition Products : Incomplete combustion can form ,SiO₂, CO, CO₂, and dense smoke

SECTION 11: TOXICOLOGICAL INFORMATION

No data

SECTION 12: ECOLOGICAL INFORMATION

No data.

SECTION 13: DISPOSAL CONSIDERATIONS

Method of Disposal : Dispose of in accordance with all applicable federal, state, and local regulations. Material may be sent to an approved landfill or licensed treatment, storage, and disposal facility.

SECTION 14: TRANSPORT INFORMATION

Classification: Non-hazardous

SECTION 15: REGULATORY INFORMATION

No information available

SECTION 16: OTHER INFORMATION

HMIS Ratings : Health – 1 Flammability –0 Reactivity - 0
 Ratings Key : 4= Highest hazard 0= Lowest hazard

Date Prepared : August 25, 2000
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Note: The statements made here are intended to describe the product with regard to necessary safety precautions. They do not guarantee special characteristics. This information is furnished without warranty, expressed or implied, except that it is accurate to the best of our current knowledge.