

Material Safety Data Sheet

1. Product Identification
a. Product Name : Silders PMMA 60 b. General Property : c. classification of harmful property : Nervous materials d. Product use : Cosmetics e. Information on manufacturer : Goldleben f. Address : 2F 20, Deogam-ro, Heungdeok-gu, Cheongju-si, Chungcheongbuk-do, Korea, 361-856 g. TEL : 82-43-260-0710 FAX : 82-43-260-0723
2. Composition/information of Ingredients
a. INCI Name : Methyl Methacrylate Cross polymer b. CAS No : 25777-71-3 c. EC Phrases : None d. Content(%) : 100
3. Hazard Identification
a. NFPA Rating : Health : 1 Flammability : 1 Instability : 0 b. Potential Health Effects Inhalation : No information found Skin : No information found Eye : No information found Ingestion : No information found c. Not particular hazards known
4. First-Aid Measures
a. Eye contact : Immediately flush with plenty of water, and call a physician. b. Skin contact : Wash thoroughly contaminated parts with soap. Should irritation occur, seek professional medical attention. c. Inhalation : Remove to fresh air. Get medical attention for any breathing difficulty. d. Ingestion : Do not induce vomiting. Consult a physician or poison control unit.
5. Fire Fighting Measures
a. Fire : As with most organic solids, fire is possible at elevated temperatures or by contact with an ignition source. b. Explosion : Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Maximum explosion pressure: 78 lb./sq. in. c. Fire Extinguisheng Media : Water spray, dry chemical, alcohol foam, or carbon dioxide. d. Special Information : In the event of a fire, wear full protective clothing and NIOSH-approved Self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.
6. Accidental Release Measures
a. Personal Precautions : Wear rubber gloves and boots, etc. Follow an order of the staff for safety. b. Environmental Precautions : Prevent the spilled materials inflow to a sewer and then place in suitable container. c. Methods of cleaning up : Sweep up without occurring dust

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7. Handling and Storage
a. Handling advice : Wear a mask for dust b. Storage conditions : Keep containers closed until used.
8. Exposure Controls and Personal Protection
a. Airborne Exposure Limits : None established b. Ventilation System : A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. c. Personal Protective equipment : Mask, gloves and goggles
9. Physical And Chemical Properties
a. Appearance : White Powder b. Odor : odorless c. Particle Size(Dp50,μm) : 5~8 d. Solubility in water : Not applicable e. Boiling point/range : Not applicable f. Melting point/range : Not applicable g. Explosiveness : Not applicable h. Oxidizing property : Not applicable i. Vapor pressure(mmHg) : Not applicable j. Oil absorption(ml/100g) : 30~50 k. Partition coefficient : Not applicable l. Vapor density(Air=1) : Not applicable
10. Stability and Reactivity
a. Chemical Stability : Stable under normal temp. and pressure b. Condition and Materials to avoid : Heat, Flame, Ignition sources, Dust generation c. Hazardous Decomposition Products : Not applicable d. Occurrence of Hazardous Materials by reaction : Not applicable
11. Ecological Information
a. Aquatic and Ecological toxicity : Not applicable b. Soil drift : Not applicable c. Remaining and degrading properties : Not applicable d. Possibility of accumulation in the animal and plant : Not applicable
12. Toxicological Information
a. Acute oral toxicity : Not applicable b. Acute inhalation : Not applicable c. Sub-acute toxicity : Not applicable d. Chronic toxicity : Not applicable e. Mutagenicity : Not applicable f. Reproductive toxicity : Not applicable g. Carcinogenicity : Not applicable h. Other particulars : Not applicable

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13. Disposal Procedure

- a. The present condition of chemical waste regulation : Not applicable
- b. Method of disposal : Consignment to a legal occupational waste matters operator concerned
- c. Notice : Use the contents without leaving
If there is the residual, thoroughly wash it off with water
Consignment to a legal occupational waste matters operator concerned

14. Transportation Information

- a. Classification/Restriction by the marine safety act : Not applicable
- b. Notice in transport : Caution not to leak the contents
- c. Classification/Restriction by foreign transport-related provision : Not applicable

15. Regulatory Information

- a. TSCA : None listed on the TSCA inventory
- b. Other foreign law : Not applicable

16. Other Information

The information contained herein is based on the present state of our knowledge and does not Therefore guarantee certain properties. Since the conditions of handling and use are beyond our Control, we make no guarantee of results, and assume no liability for damage incurred by use of this material. It is the responsibility of the user to comply with all applicable laws and regulations.