Date : December 2018

JINMENG COMPOSITE

Material Safty Data Sheet

Section 1:IDENTIFICATION

1.1Product identifier

Product name: SMC Gully grating & Manhole cover&valve

1.2 Intended use of the product

Use of substance: Structural component

1.3. Manufacture:

Hangzhou Jinmeng Road Establishment Co., Ltd.

Fangyuan Industrial Park , Yuqian Town , Lin'an City , Hangzhou , Zhejiang Province, China

TEL: 86-571-63872228

1.4. Emergency Telephone Number Emergency Number :

TEL: 86-571-63872228

Section 2: HAZARDS IDENTIFICATION

2.1.Classification of the Substance :

In accordance with 29 C.F.R. § 1910.1200, this product is an “article” and therefore not subject to the HCS 2012 SDS and labeling requirements. The information presented is for potential end use grinding, sanding, cutting, or other mechanical work of this product.

2.2. Label Elements

Signal Word: Warning

Hazard Pictogram: None

Hazard Statement: May form combustible dust concentrations in air

Precautionary Statements: None

2.3 Other Hazards:

The grinding, drilling, sanding, cutting, or other mechanical working of this product may generate dusts that could act as a mechanical irritant to skin, eyes, and upper respiratory system. Vapors or products of thermal degradation generated by cutting or grinding may aggravate or cause respiratory conditions.

2.4 Unknow acute Toxicity

No data available

Section 3 – Composition/Information on Ingredients

Chemical Components	Product identifier	%
Unsaturated polyester resin	29987-69-7	30%-50%
Fiberglass	65997 - 17 - 3	20%-50%
Calcium Carbonate	473-34-1	20%-40%

Section 4 – First Aid Measures

Routes of Entry:	Inhalation, skin, and ingestion
Signs & Symptoms of Exposure:	Temporary irritation and itching to skin or eyes. Scratchiness or burning of the nose and/or throat if exposed to large amount of airborne dust from cutting or machining.
Emergency & First Aid Procedures:	Wash skin well without rubbing. For eyes, use a sterile solution and flood the eye area. Change clothing after exposure. Apply antiseptic to any abraded skin area.

Section 5 –Fire Fighting Measures

Extinguishing Media:

Water; Foam/Type A, B, or C Extinguishers

Special Firefighting Procedures:

Use Self - Contained Breathing Apparatus (SCBA) with full face mask operated in pressure mode.

Unusual Fire & Explosion Hazards:

Burning SMC creates a complex mixture of solid, liquid, particulate, and gasses. Carbon monoxide and other organic compounds may be given off. Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

Section 6 – Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures:

Non - sparking tools should be used. Avoid dispersal of dust in the air (i.e. clearing dust surfaces with compressed air).

Methods and materials for containment and cleaning up:

Dust deposits from fabrication should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration.

Section 7 – Handling and Storage

Handling:

Use personal protection equipment to minimize skin, respiratory and eye exposure to dust and fumes when cutting or grinding product. Do not rub or scratch skin if dust particles have accumulated on exposed skin. Wash all exposed skin areas thoroughly after cutting or grinding. Launder clothing separately and frequently to prevent skin exposure.

Fabrication of Product:

Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres.

Storage:

No special storage conditions exist.

Section 8 – Exposure Controls/Personal Protection

Occupational Exposure Limits	Value
OSHA PEL	15mg/m3 (Nuisance Dust) Total
ACGIH TLV	10mg/m3 (Nuisance Dust) Total

Respiratory Protection: A NIOSH - MSMA approved dust mask for dusts and mists with PEL not less than 0.1 mg/M3 when cutting or grinding

Protective Gloves: Wear cloth gloves when handling product to prevent cuts, scratches, or abrasions.

Eye Protection: Wear protective eyewear with side shield or ventilated goggles when cutting or grinding.

Other Protective Equipment: Barrier cream and long sleeve shirts with closed collars, long pants or protective clothing may be worn to prevent dust exposure when cutting or grinding product.

Ventilation: It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents, an explosion suppression system, or an oxygen deficient environment. Ensure that dust - handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment).Use only appropriately classified electrical equipment and powered industrial trucks.

Section 9 - Physical and Chemical Properties

Property:	Measurement:
Physical State	Solid article
Color	Various Colors
Odor	Low to none
Odor Threshold	N/A
pH	N/A
Melting Point/Freezing Point	N/A
Initial Boiling Point	N/A
Flash Point	N/A
Evaporation Rate	N/A
Flammability	N/A
Upper/Lower Flammability Limits	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Relative Density	1.4 – 1.9
Solubility	Not applicable
Partition Coefficient: n - ocatnol/water	Not applicable
Auto - Ignition Temperature	Not applicable
Decomposition Temperature	Not applicable
Viscosity	Not applicable

Section 10 – Stability and Reactivity Data

Stability: Stable

Conditions to Avoid: Sources of ignition, sparks, or flames, extremely high temperatures

Incompatibility: Strong oxidizing acid

Hazardous Decomposition or Byproducts: Not applicable

Hazardous Polymerization: Will not occur

Section 11 – Toxicological Information

11.1Routes of Exposure:

Inhalation: Nuisance dust from machining can cause irritation.

Eye: Nuisance dust from machining can cause irritation.

Skin: Nuisance dust from machining can cause irritation.

Ingestion: N/A

11.2 Delayed and Immediate Effects: N/A

Acute Toxicity:	N/A
11.3 Carcinogenicity Status:	
National Toxicology Program (NTP)	N/A
International Agency for Research on Cancer (IARC)	N/A
OSHA	N/A

Section 12 – Ecological Information

Ecotoxicity:	No data
Persistence and Degradability:	No data
Bioaccumulative Potential:	No data
Mobility in Soil:	No data

Section 13 – Disposal Considerations

Waste Disposal Method:

Control and collect any dust generated in sturdy containers to prevent dispersal. Dispose of in Accordance with all local regulations. Generally, the dust is not considered a hazardous waste.

Section 14 – Transport Information

Shipping Name: Not regulated

Shipping symbols: N/A

Hazard Class: Not hazardous

ID No: N/A

Packing Group: Not determined

Label: Not determined

Special Provisions: None

Section 15 – Regulatory Information

Environmental Regulations:

RCRA:	Not listed
CERCLA:	Not listed
SARA 311/312 Codes:	None
SARA 313:	None above de minimis quantity

Section 16 – Other Information

Refer to NFPA 654: Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids, for safe handling.

HMIS:

Health = 0

Fire = 1

Reactivity = 0

Note: The information contained in the Safety Data Sheet is based on our data available on the date of publication. The information is intended to aid the user in controlling the handling risks; it is not to be construed as a warranty or specification of the product quality. The conditions of methods of handling, storage, use, cutting, grinding, disposal, or other use of the product are beyond our control. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use, cutting, grinding, disposal, or any other use of this product.