

840242-CN-EN Solidscape® Printer Support Material

Chemical Safety Data Sheet

The SDS is prepared in accordance with GB/T 16483 & GB/T 17519

Revision date: 2017/05/11

Preparation date: 2017/05/11

Rev: B

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

Product Identifier

Product Form: Mixture

Product Name: Support, Labfill, Combo Pack, Support Starter Pack, Studio Pack, LabFill Starter Pack, Melt™-J, S350/S370 Combo Pack

Product Code: 970119, 970128, 970129, 970135, 970137, 970170, 970172

Other means of identification: Solidscape® Printer Support Material, Red

Intended Use of the Product

Recommended Uses and Restrictions: Support material for use with Solidscape® Printers

Name, Address, and Telephone of the Responsible Party

Company

Solidscape®, Inc.
316 Daniel Webster Highway
Merrimack, NH 03054
603-429-9700

www.solid-scape.com

precision@solid-scape.com

Emergency Telephone Number

Emergency Number: 603-429-9700 8am - 5pm, Monday - Friday, Eastern Standard Time

SECTION 2: HAZARDS IDENTIFICATION

Emergency Overview:

A red solid with a faint odor, to be used as support material with Solidscape® printers. Causes mild skin irritation.

Classification of the Substance or Mixture

GHS classification (CN)

Health hazards : Skin corrosion/irritation, Category 3
Signal Word (GHS-CN) : Warning
Hazard Statements (GHS-CN) : Causes mild skin irritation (H316)
Response Precautionary Statements : If skin irritation occurs: Get medical advice/attention (P332+P313).

Health Hazard Information

Symptoms/Injuries: Dust may cause mechanical irritation to eyes, nose, throat, and lungs. Risk of thermal burns on contact with molten product. The following applies to the product if it is cut, sanded or altered in such a way that excessive and/or significant particulates and/or dusts may be generated: Causes mild skin irritation.

Symptoms/Injuries After Inhalation: May cause respiratory irritation.

Symptoms/Injuries After Skin Contact: Causes mild skin irritation.

Symptoms/Injuries After Eye Contact: May cause eye irritation.

Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: None expected under normal conditions of use.

Physicochemical Hazard No data available

Environmental Hazard No data available

Other Hazards

Other Hazards Which Do not Result in Classification : Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture/Substance

Distinction of Substance or Mixture : Mixture

Name	Concentration	CAS No
Eicosanoic acid	6 - 9%	506-30-9

SECTION 4: FIRST AID MEASURES

First Aid

First-aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area. Remove person to fresh air and keep comfortable for breathing.

First-aid Measures After Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes.

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First-aid Measures Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting.

The Most Important Symptoms and Health Effects

Symptoms/Injuries: Risk of thermal burns on contact with molten product. The following applies to the product if it is cut, sanded or altered in such a way that excessive and/or significant particulates and/or dusts may be generated: Causes mild skin irritation. Dust may cause mechanical irritation to eyes, nose, throat, and lungs.

Symptoms/Injuries After Inhalation: May cause respiratory irritation.

Symptoms/Injuries After Skin Contact: Causes mild skin irritation.

Symptoms/Injuries After Eye Contact: May cause eye irritation.

Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: None expected under normal conditions of use.

Advice for the Rescuer

Use appropriate personal protection equipment (PPE).

Special Note for Doctor

Treatment: If you feel unwell, seek medical advice (show the label where possible)

SECTION 5: FIREFIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Specific Hazards

Fire Hazard: Not flammable but will support combustion. On burning: release of carbon monoxide - carbon dioxide.

Fire Precautions and Protective Measures

Specific Fire Fighting: Use water spray or fog for cooling exposed containers.

Personal Protection (Emergency Response): Do not enter fire area without proper protective equipment, including respiratory protection

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Disposal Procedures

Personal Precautions, Protective Equipment and Emergency Procedures	Avoid generating dust.
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Environmental Precautions

Environmental Precautions	Prevent entry to sewers and public waters.
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Clean-up Methods and Materials for Containment Measures

Methods and Equipment for Containment and Cleaning up	Clean up spills immediately and dispose of waste safely.
Secondary Disaster Prevention Measures	Eliminate ignition sources.

SECTION 7: HANDLING AND STORAGE

Handling

Technical Measures: Risk of thermal burns on contact with molten product. Accumulation and dispersion of dust with an ignition source can cause a combustible dust explosion. Keep dust levels to a minimum and follow applicable regulations.

Local and General Ventilation: Ensure adequate air ventilation.

Precautions for Safe Handling: Keep away from heat and open flame.

Prevents Handling of Incompatible Substances or Mixtures: Keep away from: Strong oxidizers.

Storage

Technical Measures: Comply with applicable regulations.

Incompatible Substances or Mixtures: Refer to Section 10.

Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use.

Material Used in Packaging/containers: No additional information.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

No Occupational Exposure Limits (OELs) have been established for this product or its chemical components.

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Biological Limits

No data available

Monitoring Methods

No data available

Engineering Controls

Appropriate Engineering Controls: Not generally required. Site-specific risk assessments should be conducted to determine the appropriate exposure control measures. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.

Personal Protective Equipment

Personal Protective Equipment: Not generally required. The use of personal protective equipment may be necessary as conditions warrant.

Respiratory Protection: The following applies to the product if it is cut, sanded or altered in such a way that excessive and/or significant particulates and/or dusts may be generated: Dust mask.

Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Chemical goggles or safety glasses.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Appearance	: Red
Physical State	: Solid
Odour	: Faint
pH Value	: No data available
Melting point/Freezing Point	: 50 - 72 °C (122 - 162 °F)
Boiling Point, Initial Boiling Point and Boiling Range	: No data available
Flash Point	: No data available
Autoignition Temperature	: No data available
Flammability (solid, gas)	: Non flammable
Vapour pressure	: No data available
Relative Vapour Density At 20 °C	: No data available
Relative density	: 0.96 approx. (water = 1)
Solubility	: Negligible in water
N-octanol/water Distribution Coefficient	: No data available
Decomposition Temperature	: No data available
Viscosity	: No data available
Explosive Limits (G/M ³)	: No data available
Explosive Limits (Vol %)	: Not applicable

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable under recommended handling and storage conditions (see section 7).

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Extremely high or low temperatures.

Incompatible Materials: Strong oxidizers.

Hazardous Decomposition Products: Carbon oxides (CO, CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

General Toxicity	Not classified
Toxicity Hazard	Not classified
Acute Toxicity (Oral) - Description	Not classified
Acute Toxicity (Dermal) - Description	Not classified
Acute Toxicity (Dust) - Description	Not classified
Acute Toxicity (Mist) - Description	Not classified
Serious Eye Damage/Eye Irritation - Description	Not classified
Skin Corrosion/Irritation - Description	Causes mild skin irritation
Skin Or Respiratory Sensitization - Description	Not classified

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Germ Cell Mutagenicity - Description	Not classified
Carcinogenicity	Not classified
Reproductive Toxicity - Description	Not classified
Specific Target Organ Toxicity (Single Exposure) - Description	Not classified
Specific Target Organ Toxicity (Repeated Exposure) - Description	Not classified
Aspiration Hazard - Description	Not classified
Other Health Hazard	No data available

Information on Toxicological Effects Ingredient(s)

No additional information available

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Ecotoxicity	:	Not classified
Fish Toxicity / Other Toxicity	:	No data available
Other Information	:	Avoid release to the environment

Persistence and Degradability

Not established

Bioaccumulative Potential

No additional information available

Mobility in Soil

No additional information available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Chemicals

Additional Information: Avoid release to the environment.

Disposal Matters

Waste Treatment Methods: Dispose of waste material in accordance with all local, regional, national, and international regulations.

SECTION 14: TRANSPORT INFORMATION

In Accordance with UNRTDG Not regulated for transport

In Accordance with IATA Not regulated for transport

In Accordance with IMDG Not regulated for transport

SECTION 15: REGULATORY INFORMATION

Asia/Pacific Regulations

Solidscape® Printer Support Material	
Priority List of Hazardous Chemical Wastes	No

Eicosanoic acid (506-30-9)	
Priority List of Hazardous Chemical Wastes	No

Regulatory reference

Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on the Canadian DSL (Domestic Substances List)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Korean ECL (Existing Chemicals List)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

SECTION 16: OTHER INFORMATION

Revision Date : 2017/05/11

Other Information : The SDS is prepared in accordance with GB/T 16483 & GB/T 17519

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

SDS China GHS