

# Material Safety Data Sheet

840213

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## 3Z Lab Fill

### 1. Chemical Product and Company Identification

Product Name: 3Z Lab Fill  
Chemical Family: Wax blend

Manufacturer: Solidscape®, Inc.  
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Merrimack, NH 03054  
USA  
Tel: (603) 429-9700  
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### 2. Composition, Information on Ingredients

Ingredients	Approx. % by Wt.		C.A.S No. & EINECS No.	UK / EU Classification
	min	max		
Natural Wax	15%	30%	Trade Secret	None
Synthetic Wax	15%	30%	Trade Secret	None
Glycol Distearate	15%	30%	Trade Secret	None
Fatty Acid	15%	30%	Trade Secret	None

### 3. Hazard Identification

Burns: Contact with molten material may cause thermal burns.  
Signs and Symptoms of Exposure: Potential skin and eye irritant.  
Acute Overexposure: Chronic exposure to skin may cause irritation. May cause eye irritation.

### 4. First Aid Measures

Inhalation: This material is not expected to create an inhalation problem. Vapor may cause irritation.  
Eyes: Flush with plenty of low pressure water. If irritation exists, obtain medical attention.  
Skin: Solid material is not expected to be a skin irritant or sensitizer.  
Ingestion: No significant adverse affects expected. Low oral toxicity. Not digested or absorbed, but may have a mild laxative effect.

### 5. Fire-Fighting Measures

Flash Point: > 347° F (175° C) COC  
Extinguishing Media: Use dry chemical, water fog, carbon dioxide or foam.

Special Fire Fighting Procedures: Cool fire exposed containers with water.

Unusual Fire and Explosion Hazards: Like all waxes, this product will burn vigorously under fire conditions.

## 6. Accidental Release Measures

Steps to be taken in case material is released or spilled:

Moisten slightly with water to reduce dusting.

Sweep up spilled material and discard into proper waste container.

## 7. Handling and Storage

Precautions for Handling and Storage:

Avoid excessive heat and open flame

## 8. Exposure Controls and Personal Protection

Respiratory Protection: Normally none necessary. An approved dust respirator should be used if high levels of airborne particulates are generated.

Ventilation: Local exhaust.

Protective Gloves: Normally none necessary. Protective gloves are recommended for handling molten material.

Eye Protection: Recommended when handling molten material.

## 9. Physical and Chemical Properties

Boiling Point: N/A

Melting Point: 122° - 162° F (50° - 72° C)

Specific Gravity (H<sub>2</sub>O = 1): About .96

Vapor Pressure (mm Hg.): N/A

Vapor Density (Air = 1): N/A

Evaporation Rate (Butyl Acetate=1): N/A

Solubility in Water: Negligible

Appearance and Odor: Reddish Purple solid granules with faint odor.

## 10. Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions to avoid: None

Incompatibility: Strong oxidizing agents.

Hazardous Decomposition Products: Burning may yield oxides of carbon.

## 11. Toxicology Information

This product is biologically inert.

Not listed as a carcinogen by IARC, NTP or OSHA.

**12. Ecological Information**

This product is not expected to present any environmental hazard in normal use or disposal.

**13. Disposal Considerations**

Waste Disposal Methods: Dispose of in accordance with federal, state and local regulations.

**14. Transport Information**

Not regulated as hazardous for transport when shipped at ambient temperature.

**15. Regulatory Information**

Not known to be hazardous by definition of OSHA ( 29 CFR 1910.1200 )

Not subject to CERCLA release reporting.

SARA Title III reporting not required.

OSHA Permissible Exposure Limit: Not established.

ACGIH Threshold Limit Value: Not established.

**16. Other Information**

Hazard ratings		
	NFPA	HMIS
Health	0	0
Flammability	1	1
Reactivity	0	0

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