

Material Safety Data Sheet

840167

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PlusCAST

1. Chemical Product and Company Identification

Product Name: PlusCAST
Chemical Family: Organic Intermediate

Manufacturer: Solidscape®, Inc. 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		
Sulphonamide Derivatives	60%	100%	Trade Secret	None
Polyester Resin	0%	50%	Trade Secret	None
Benzoate Derivaties	0%	10%	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.
Eyes: Flush with plenty of low pressure water. If irritation exists, obtain medical attention.
Skin: Wash exposed skin area with soap and water.
Ingestion: If large amounts of product are ingested obtain medical attention.

5. Fire-Fighting Measures

Flash Point: > 347° F (175° C) COC
Extinguishing Media: Waterfog, carbon dioxide or foam.
Special Fire Fighting Procedures: Cool fire exposed containers with water.

Unusual Fire and Explosion Hazards: None.

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: 221° - 239° F (95° - 115° C)

Specific Gravity (H₂O = 1): About 1.25

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: Light Blue-Green solid with faint odor. Granules.

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, nitrogen and sulfur.

11. Toxicology Information

No evidence of mutagenic activity has been reported
Not listed as a carcinogen by IARC, NTP, OSHA or ACGIH.

12. Ecological Information

COD= ~1,600mg/g

BOD5= 1220 mg/g

13. Disposal Considerations

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

14. Transport Information

This product is not regulated for shipping. No transport labels required.
Not regulated by DOT.

15. Regulatory Information

Registered by TSCA. Major components are not hazardous substances as defined by OSHA (29 CFR 1910.1200)
 OSHA Permissible Exposure Limit: Not established.
 ACGIH Threshold Limit Value: Not established.

16. Other Information

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

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