



# Leslie Ceramic Supply – Material Safety Data Sheet (MSDS)

## SECTION I PRODUCT IDENTIFICATION

Identity/Trade Name: Leslie Hana Series High-Fire Liquid Ceramic Glazes

Manufacturer: Leslie Ceramic Supply Co., Inc.  
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Berkeley, CA 94706

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Date Prepared: 8/18/2011

## SECTION II HAZARDOUS INGREDIENTS

Hazardous Components	CAS#	OSHA PEL	ACGIH TLV	Approx. %
None. Product sold and used in liquid form only.				

Notice: Many glaze components are present as frit (CAS# 65997-18-4). "Frit is a mixture of inorganic chemical substances produced by rapidly quenching a molten, complex combination of materials, confining the chemical substances thus manufactured as non-migratory components of glassy solid flakes or granules." (from US-EPA/TSCA description). In this form, individual compounds are present as part of a largely insoluble matrix.

## SECTION III PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point:	<b>212 F/100 C</b>	Specific Gravity:	<b>1.4 – 1.6</b>
Vapor Pressure:	<b>N/A</b>	Melting Point:	<b>Approx. 2200 F</b>
Vapor Density:	<b>N/A</b>	Evaporation Rate:	<b>N/A</b>
Solubility in Water:	<b>Insoluble</b>	Appearance and Odor:	<b>Thick colored slurry w/ no odor</b>

## SECTION IV FIRE AND EXPLOSION HAZARDS

Flash Point:	<b>Non-Flammable</b>	Flammable Limits:	<b>N/A</b>
Extinguishing Media:	<b>None – Will not burn</b>	Special Fire Fighting Procedures:	<b>None</b>

Unusual Fire and Explosion Hazards: **None**

## SECTION V REACTIVITY DATA

Stability:	<b>Stable</b>	Conditions to Avoid:	<b>None</b>
Incompatibility (Materials to Avoid):	<b>N/A</b>	Hazardous Polymerization:	<b>Will not occur</b>

Hazardous Decomposition or Byproducts: **N/A**

## SECTION VI HEALTH HAZARD DATA

Routes of Entry: Inhalation:	<b>Not in wet form</b>	Carcinogenicity: NTP:	<b>No</b>
Skin:	<b>No</b>	IARC Monographs:	<b>No</b>
Ingestion:	<b>Yes</b>	OSHA Regulated:	<b>No</b>
Eye:	<b>Yes</b>		

Health Hazards (acute and Chronic): **Eye Irritant**

Signs and symptoms of exposure: **N/A**  
Medical conditions aggravated by Exposure: **N/A**

Emergency and First Aid Procedures: **Eye Contact:**

Gently but persistently flush water for 15 minutes. If irritation persists, seek medical attention.

**Skin Contact:**

Wash with soap and water.

## SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

<b>Steps taken in case Material is released or spilled</b>	Clean up with wet sponge or mop. Do not sweep dried glaze; this will create dust.
<b>Waste disposal method</b>	Small amounts of spilled material can be washed down sink. Large spills should be collected in an appropriate container, and disposed of by local waste handling agency.
<b>Precautions to be taken in Handling and storage</b>	Keep out of reach of young children.
<b>Other precautions</b>	Do not allow dried glaze to become airborne as dust.

## SECTION VIII CONTROL MEASURES

<b>Respiratory protection</b>	Use NIOSH approved respirator if dust or mist is generated (i.e. spraying).
<b>Eye protection</b>	Recommended if splashing could occur or spraying.
<b>Protective gloves</b>	Recommended in cases where irritation could occur.
<b>Other protective measures</b>	None
<b>Ventilation</b>	Mechanical exhaust required if material is sprayed.
<b>Work/Hygienic practices</b>	Wash hands before eating, drinking or smoking

## SECTION IX FIRST AID PROCEDURES

<b>Skin:</b>	Wash with soap and water.
<b>Eyes:</b>	Gently but persistently flush with water for 15 minutes. If irritation persists, seek medical attention.
<b>Ingestion:</b>	If swallowed, seek medical attention. Do not induce vomiting.

## SECTION X ADDITIONAL INFORMATION

**Notice:** The information presented herein has been compiled from sources believed to be dependable, and is to the best of our knowledge accurate, but Leslie Ceramics makes no warranty, expressed or implied, that it is so. It is intended for the use by persons at their own discretion and risk. Because Leslie Ceramics cannot control the end use of this product, the company assumes no liability in connection with the use of this information.