



# **SAFETY DATA SHEET**

Issue Date: 7/13/15

Revision Date: 8/25/23

Version: USA

## **1. PRODUCT IDENTIFICATION**

**Product Name:** Design Essentials® Reflections Liquid Shine  
**Product ID:** 40005  
**Product Type:** Finished Retail Product - Consumer Use Only  
**Recommended Use:** Treatment for Hair  
**Restrictions on Use:** Use only as directed on label.  
**Manufacturer:** McBride Research Laboratories  
2272 Park Central Blvd.  
Decatur, GA 30005  
**Phone Number:** 770-593-7200  
**Emergency Transportation Telephone:** Within USA and Canada: 1-800-424-9300  
Outside USA and Canada: +1 703-527-3887 (collect calls accepted)

## **2. HAZARD IDENTIFICATION**

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Hazard Category:**

<b>Classification:</b>	4
<b>Signal Word:</b>	Warning
<b>Hazard Statements:</b>	Combustible Liquid
<b>Hazard pictograms:</b>	None
<b>Precautionary Statements Prevention:</b>	Keep away from heat/sparks/open flames/hot surfaces. No smoking. Wear protective gloves/ eye protection/ face protection.
<b>Precautionary Statements Response:</b>	In case of fire, use Dry chemical, Carbon Dioxide, alcohol-resistant foam or water spray to extinguish the fire.
<b>Precautionary Statements Storage:</b>	Store in a well-ventilated place. Keep cool.
<b>Precautionary Statements Disposal:</b>	Dispose of contents/ container to an approved waste disposal plant.
<b>Hazards not otherwise classified (HNOC):</b>	None
<b>Interactions with other chemicals:</b>	None known

## **3. COMPOSITION / INFORMATION ON INGREDIENTS**

This product contains no substances that at their given concentration are considered hazardous to health.

## **4. FIRST AID MEASURES**

First aid measures for different exposure routes;

**Eye Contact:** In case of contact, immediately flush eyes with plenty of water, remove any contact lenses, and continue flushing for at least 15 minutes. Get medical attention if irritation persists.

**Skin Contact:** Not expected to cause irritation, however it is best to wash skin with plenty of water while removing contaminated clothing and shoes.

**Inhalation:** Remove to fresh air.

**Ingestion:** Accidental ingestion of undiluted product may cause mild gastrointestinal irritation with nausea, vomiting and diarrhea. DO NOT induce vomiting, but give one or two glasses of water to drink and get medical attention. Never give anything by mouth to an unconscious person.

**Most important symptoms/effects, acute and delayed:** Eye irritation.

**Indication of immediate medical attention and special treatment needed:**

**Notes to Physician** Treat symptomatically

## 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Use Dry chemical, Carbon Dioxide, alcohol-resistant foam or water spray.

**Unsuitable Extinguishing Media:** High pressure water jet may scatter the liquid and spread the fire.

**Special hazard:** Hazardous decomposition products are oxides of carbon and silicon including carbon dioxide and carbon monoxide.

**Special protective equipment for fire-fighters:** As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear. Water can be used to cool fire-exposed containers.

**Specific hazards arising from the chemical:** None.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:**

**Personal precautions:** Avoid contact with eyes.  
Remove all sources of ignition.

**Advice for emergency responders:** Wear appropriate personal protective equipment. Use safety glasses or safety goggles if splash hazards exist; use gloves and other protective clothing (apron, boots, etc.) to prevent skin contact.

**Environmental Precautions:** None known but discharge into the environment should be avoided.

**Methods and materials for containment and cleaning up:**

**Methods for containment:** Contain spilled material with dikes or absorbents.

**Methods for cleaning up:**

**Small Spill Procedure:** Contain spilled material. Absorb with inert material and place in disposal container. Wash down area with detergent.

**Large Spill Procedure:** Contain spilled material. Prevent additional discharge of materials if possible to do without hazard. Dike large spills. Absorbed with inert material, sweep, or scrape up and containerize. Wear / use appropriate protective equipment. Treat or dispose of residue in accordance with all federal, state, and local requirements.

## 7. HANDLING AND STORAGE

**Precautions for safe handling:**

**Advice on safe handling:** Avoid contact with eyes. Wash hands thoroughly after using or handling.  
Keep away from heat and sources of ignition.  
Take precautionary measures against static discharge.  
Take care to prevent spills, waste and minimize release to the environment.

**Conditions for safe storage, including any incompatibilities:**

**Storage Conditions:** Secure container after each use. Store in a cool, dry, secure area.  
Use with local exhaust ventilation.  
Use only in an area equipped with explosion proof exhaust ventilation.

Keep away from heat and sources of ignition.

**Incompatible products:**

Do not store with the following product types: Strong oxidizing agents, Explosives, Gases.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Control parameters:**

**Exposure Guidelines:** No relevant exposure guidelines.

**Exposure controls**

No adverse effects expected but use adequate general or local exhaust ventilation to keep airborne concentrations to a minimum.

**Personal Protective Equipment**

**Eye Protection:** Requires Eye Protection. When splashing of the material may occur, chemical goggles and/or a face shield or are recommended.

**Hand protection:** Where contact is likely to occur, chemical resistant gloves should be used. Dispose of contaminated disposable gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Skin protection:** Where contact is likely to occur, Use impervious protective clothing, including boots, gloves, lab coat, apron, or coveralls, as appropriate to prevent skin contact.

**Respiratory Protection:** Under normal use conditions with adequate ventilation and eye protection, no other special handling equipment is required. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

**General Hygiene:** Wash and dry hands thoroughly after handling. Do not eat, drink or smoke when using this product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State @25°C:**

Liquid

**Appearance:**

Clear Colorless Liquid

**Odor:**

Orange Melon Fragrance

**Odor threshold:**

No information available

**Property**

**Values**

**Remarks**

**pH value:**

N.A.

**Melting / Freezing Point:**

No information available

**Boiling Point / Boiling Range:**

No information available

> 212°F

**Flash Point:**

> 171°F

Method: Seta Closed Cup

**Evaporation Rate:**

No information available

**Flammability (solid, gas):**

No information available

**Flammability Limits in Air;**

**Upper flammability limit:**

No information available

**Lower Flammability Limit:**

No information available

**Vapor pressure:**

No information available

**Vapor density:**

No information available

**Relative density:**

0.92 – 0.98

(H<sub>2</sub>O = 1)

**Water solubility:**

Not Soluble

**Solubility in other solvents:**

No information available

**Partition coefficient: n-octanol/water:**

No information available

**Evaporation rate:**

No information available

**Auto Ignition temperature:**

No information available

**Decomposition Temperature:**

No information available

**Viscosity of Product:**

Water Thin

@ 25°C

**VOC Content (%)**

None

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	None under normal use conditions.
<b>Stability:</b>	Stable under normal conditions.
<b>Hazardous polymerization:</b>	Does not occur.
<b>Hazardous Reactions:</b>	Combustible liquid. Vapors may form explosive mixture with air. Use at elevated temperatures may form highly hazardous compounds.
<b>Conditions to Avoid:</b>	Heat, Flames, Sparks
<b>Materials to avoid:</b>	Oxidizing Agents
<b>Hazardous Decomposition Products:</b>	Upon combustion product will yield carbon monoxide, carbon dioxide and various hydrocarbons.

## 11. TOXICOLOGICAL INFORMATION

### Product Information

#### Information on likely routes of exposure;

<b>Inhalation:</b>	No known effect.
<b>Skin contact:</b>	No known effect.
<b>Ingestion:</b>	No known effect.
<b>Eye contact:</b>	No known effect.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Acute toxicity:</b>	No known effect.
<b>Skin corrosion/irritation:</b>	No known effect.
<b>Serious eye damage/eye irritation:</b>	No known effect..
<b>Skin sensitization:</b>	No known effect.
<b>Respiratory sensitization:</b>	No known effect.
<b>Germ cell mutagenicity:</b>	No known effect.
<b>Neurological Effects:</b>	No known effect.
<b>Reproductive toxicity:</b>	No known effect.
<b>Developmental toxicity:</b>	No known effect.
<b>Teratogenicity:</b>	No known effect.
<b>STOT - single exposure:</b>	No known effect.
<b>STOT - repeated exposure:</b>	No known effect.
<b>Target Organ Effects:</b>	No known effect.
<b>Aspiration hazard:</b>	No known effect.
<b>Carcinogenicity:</b>	No known effect.
<b>Component Information:</b>	No information available.

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	The product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios.
<b>Persistence and degradability:</b>	No information available.
<b>Bioaccumulative potential:</b>	No information available.
<b>Mobility:</b>	No information available.
<b>Other adverse effects:</b>	No information available.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment

**Waste from Residues / Unused Products:** Treat or dispose of waste material in accordance with all local, state (provincial),

and national laws and regulations. This product, if it becomes a waste, is not considered a hazardous waste according to RCRA criteria (40 CFR 261).

**Contaminated packaging:** Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 14. TRANSPORT INFORMATION

**PROPER SHIPPING NAME:** NA1993, Combustible Liquid, N.O.S. (Contains Decamethylcyclopentasiloxane, Dodecamethyl cyclohexasiloxane), None, PG III.  
**(U.S. Domestic Only)** ERG #128.  
Marine Pollutant - No  
**Remarks :** Above applies only to containers over 119 gallons or 450 liters. Not regulated if shipped in packages less than or equal to 119 gallons (450 liters).

**Based upon the current product sizes of 4 & 16 oz., the following would apply...**

**DOT:** Not regulated for transport.

**IMDG:** Not regulated for transport.

**IATA:** Not regulated for transport.

## 15. REGULATORY INFORMATION

### U.S. Federal Regulations

**SARA 311/312** Fire Hazard

**SARA 313:** Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**CERCLA:** This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61):** This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

**Clean Water Act:** This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**California Proposition 65:** This product is not subject to warning labeling under California Proposition 65.

**California Cosmetics Act:** Not reportable

**U.S. State Regulations (RTK):** None Known

### International Inventories

**United States:** All intentionally-added components of this product(s) are listed on the US TSCA Inventory.

**Canada:** This product is in compliance with CEPA.

### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**CEPA** - Canadian Environmental Protection Act

## 16. OTHER INFORMATION

**National Fire Protection Association (NFPA) Ratings:** This information is intended solely for the use of individuals trained in the NFPA system.

<b>NFPA</b>	Health: 0	Flammability: 2	Reactivity: 0	Special Notice: None
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<b>HMIS</b>	Health: 0	Flammability: 2	Reactivity: 0	Personal Protection: A
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**PREPARED BY:** PSK (Refer to Page 1 for contact information.)

**Disclaimer**

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