



## MATERIAL SAFETY DATA SHEET

**Product Name: ICYNENE LD-R-50™:**  
**ICYNENE LD-R-50™ Resin and Base Seal®**  
**MSDS (F) Spray ICYNENE LD-R-50™**

### Section 1: Chemical, Product and Company Information

**Product Name:** ICYNENE LD-R-50™  
ICYNENE LD-R-50™ is a trademark of Icynene Inc. Base Seal® is a registered trademark of Icynene Inc.

**Product Use:** SPRAY-ON CELLULAR PLASTIC INSULATION

**Product Code:** Not Applicable

**Revision Date:** July 28, 2009

### Section 2: Ingredient Information

| <u>Ingredients (% w/v, unless otherwise noted)</u> | <u>Cas No:</u>   | <u>Wt. %:</u>  |
|--|------------------|----------------|
| (BASE SEAL®), Component A                          | CAS# 009016-87-9 | 50 % by volume |
| (ICYNENE LD-R-50™), Resin Component B              |                  | 50 % by volume |

**NOTE:** Does not contain any ozone destroying or global warming refrigerants such as CFC's, HCFC's, or HFA's.

### Section 3: PHYSICAL DATA

**Appearance:** Yellow coloured cellular foam of "angel food cake" consistency and appearance (may become deeper yellow to light brown if exposed to sunlight for extended period of time).

**Solubility In Water:** Insoluble.

**Density:** 0.5 lbs./cubic foot

**Odour:** None

**Emissions:** Safe for occupancy after 24 hrs, no emissions detectable after 30 days.

### Section 4: FIRE & EXPLOSION HAZARD DATA

**Flammability:** Combustion occurs at 400°F (material will not sustain combustion on its own)

**Flame Spread:** Less than 25

**Smoke Developed:** Less than 400

**Method Used:** ASTM E84

**Melting:** Does not melt

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**Flammable Limits:** LFL: - not determined  
UFL: - not determined

**Extinguishing Media:** Water, carbon dioxide, dry chemical or foam.

**Fire & Explosion Hazards:** Prevent breathing of combustion fumes (smoke)

**Fire Fighting Equipment:** Firefighters must wear a self-contained breathing apparatus to avoid breathing smoke generated by combustion.

**Section 5: REACTIVITY DATA**

**Stability:** Stable under all normal conditions

**Incompatibility:** Compatible with all products

**Section 6: ENVIRONMENTAL & DISPOSAL INFORMATION**

**Disposal Method:** Follow all federal, provincial, state and local regulations.

**Section 7: HEALTH HAZARD DATA**

**Detectable Emissions:** No detectable emissions

**Systemic & Other Effects:** Not available

**Ingestion:** The consequences of ingestion of large amounts are unknown

**Dust Inhalation:** May cause mechanical irritation to the respiratory system

**Eye Protection:** Use glasses when cutting foam

**Skin Protection:** Dust from foam cutting may cause irritation

**Section 8: FIRST AID**

**Ingestion:** Medical advice should be obtained

**Inhalation:** Remove to fresh air, consult a physician

**Eye Contact:** Flush with water to remove particles

**Skin Contact:** No special precautions required

**Section 9: ADDITIONAL INFORMATION**

THE INFORMATION HEREIN IS GIVEN IN GOOD FAITH, BUT NO WARRANTY EXPRESS OR IMPLIED, IS MADE. CONTACT ICYNENE INC. FOR FURTHER INFORMATION.

**Section 10: PREPARATION INFORMATION:**

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**Date of Preparation:** July 28, 2009