



MATERIAL SAFETY DATA SHEET

Product Name: ICYNENE LD-C-50™
Also known as The Icynene Insulation System®:
Gold Seal® and Base Seal®

MSDS (F) Spray ICYNENE LD-C-50™

Section 1: Chemical, Product and Company Information

Product Name: ICYNENE LD-C-50™
Also known as The Icynene Insulation System®
ICYNENE LD-C-50™ is a trademark of Icynene Inc. The Icynene Insulation System®, Gold Seal® and Base Seal® are registered trademarks of Icynene Inc.

Product Use: SPRAY-ON CELLULAR PLASTIC INSULATION

Product Code: Not Applicable

Revision Date: July 28, 2009

Section 2: Ingredient Information

| Ingredients (% w/v, unless otherwise noted) | Cas No: | Wt. %: |
|---|------------------|----------------|
| (BASE SEAL®), Component A | CAS# 009016-87-9 | 50 % by volume |
| (ICYNENE LD-C-50™), Resin Component B (Also known as GOLD SEAL®) | | 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: Cream coloured cellular foam of "angel food cake" consistency and appearance (may become 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

Section 4: FIRE & EXPLOSION HAZARD DATA

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

Flame Spread: Less than 20

Smoke Developed: Less than 400

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| | |
|---|---|
| <u>Method Used:</u> | ASTM E84 |
| <u>Melting:</u> | Does not melt |
| <u>Flammable Limits:</u> | LFL: - not determined UFL: - not determined |
| <u>Extinguishing Media:</u> | Water, carbon dioxide, dry chemical or foam. |
| <u>Fire & Explosion Hazards:</u> | Prevent breathing of combustion fumes (smoke) |
| <u>Fire Fighting Equipment:</u> | Firefighters must wear a self-contained breathing apparatus to avoid breathing smoke generated by combustion. |

Section 5: REACTIVITY DATA

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| <u>Stability:</u> | Stable under all normal conditions |
| <u>Incompatibility:</u> | Compatible with all products |

Section 6: ENVIRONMENTAL & DISPOSAL INFORMATION

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| <u>Disposal Method:</u> | Follow all federal, provincial, state and local regulations. |
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Section 7: HEALTH HAZARD DATA

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| <u>Detectable Emissions:</u> | No detectable emissions |
| <u>Systemic & Other Effects:</u> | Not available |
| <u>Ingestion:</u> | The consequences of ingestion of large amounts are unknown |
| <u>Dust Inhalation:</u> | May cause mechanical irritation to the respiratory system |
| <u>Eye Protection:</u> | Use glasses when cutting foam |
| <u>Skin Protection:</u> | Dust from foam cutting may cause irritation |

Section 8: FIRST AID

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|-----------------------------|--|
| <u>Ingestion:</u> | Medical advice should be obtained |
| <u>Inhalation:</u> | Remove to fresh air, consult a physician |
| <u>Eye Contact:</u> | Flush with water to remove particles |
| <u>Skin Contact:</u> | 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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| <u>Prepared by:</u> | D.Thom |
| <u>Title:</u> | R&D Manager |
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| <u>Date of Preparation:</u> | July 28, 2009 |