



6747 Campobello Rd., Mississauga, Ontario, L5N 2L7, Canada  
Tel: 905.363.4040 Toll Free: 800.758.7325 Fax: 905.363.0102

## SAFETY DATA SHEET

**Product Name: ICYNENE LD-C-50® Foam**

<b>Section 1:</b>	<b>Identification of the Substance and Supplier</b>
Product Name:	ICYNENE LD-C-50® Polyurethane Foam
Product Use:	SPRAY-ON CELLULAR PLASTIC INSULATION
Company Details:	Icynene Inc.
Address:	6747 Campobello Road, Mississauga, Ontario L5N 2L7 Canada
Contact Details:	Phone +905-363-4040 Fax 905-363-0102

<b>Section 2:</b>	<b>Composition/Information on Ingredients</b>
Ingredient:	Polyurethane 100% The materials used to make this product are REACH registered
Appearance:	Buff to cream coloured cellular foam. May become yellow to light brown if exposed to sunlight for extended period of time.

<b>Section 3:</b>	<b>Hazards Identification</b>
Detectable Emissions:	No
Systemic & Other Effect:	Not available
Ingestion:	The consequences of ingestion of large amounts are unknown.
Dust Inhalation:	May cause mechanical irritation to the respiratory system.
Skin Protection:	Dust from foam cutting may cause irritation.
Eye Protection:	Use glasses when cutting foam.

<b>Section 4:</b>	<b>First Aid Measures</b>
Ingestion:	Not available
Inhalation:	Not available
Eye Contact:	Not available
Skin Contact:	Not available

<b>Section 5:</b>	<b>Fire Fighting Measures</b>
Flammability:	Class F
Method Used:	DIN 13823:2010-12
Melting Point:	Does not melt
Flammable Limits:	LFL – not determined UFL – not determined

# SAFETY DATA SHEET

## Product Name: ICYNENE LD-C-50® FOAM

Extinguishing Media:	Water, carbon dioxide, dry chemical or foam
Fire & Explosion Hazards:	Prevent breathing of combustion fumes (smoke)
Fire Fighting Equipment:	Self-contained breathing apparatus to avoid breathing smoke generated by combustion.

<b>Section 6:</b>	<b>Accidental Release Measures</b>
Procedures:	Product is a solid. See Section 13 for disposal information.

<b>Section 7:</b>	<b>Handling and Storage</b>
Precautions for safe handling:	Not Available
Regulatory requirements:	Not Available
Handling practices:	Not Available
Approved handlers:	Not Available
Conditions for safe storage	Not Available
Store site requirements:	Not Available
Packaging:	Not Available

<b>Section 8:</b>	<b>Exposure Control / Personal Protection</b>
Workplace exposure standards:	Not Available
Application in the workplace:	Full protective clothing to be worn during handling of the foam.
Exposure standards outside the workplace:	Not Available
Engineering controls:	Building regulations.
Personal protection:	Not Available
References:	Building regulations.

<b>Section 9:</b>	<b>Physical and Chemical Properties</b>
Appearance:	Buff to cream coloured cellular foam. May become yellow to light brown if exposed to sunlight for extended period of time.
Required specifications:	Not Available
Further specifications:	Not Available
Special advice:	Not Available

<b>Section 10:</b>	<b>Stability and Reactivity</b>
Stability of substance:	Stable under normal conditions of use.
Condition to avoid:	Not Available

# SAFETY DATA SHEET

Product Name: ICYNENE LD-C-50® FOAM

Material to avoid:	Not Available
Hazardous decomposition products:	Not Available
Hazardous polymerization:	Not Available
Specific data:	Not Available

<b>Section 11:</b>	<b>Toxicological Information</b>
Data and interpretation:	Not Available
Summary data:	Not Available
Effect of acute exposure	Not Available

<b>Section 12:</b>	<b>Environmental Information</b>
Potential environmental interactions:	Not Available
Data organization:	Not Available
Environmental risk and safety phrases:	Not deemed to be hazardous to the environment.

<b>Section 13:</b>	<b>Disposal Considerations</b>
Disposal Information	Dispose of in accordance with local laws and regulations.

<b>Section 14:</b>	<b>Transportation Information</b>
Relevant information:	The substance is NOT classed as hazardous for transportation by any route. Tracking is not required.
Other information:	Not Available

<b>Section 15:</b>	<b>Regulatory Information</b>
Regulatory Status:	Not Available
HSNO and ACVM controls:	Refer to Section 3.
List exposure limits:	Not Available

<b>Section 16:</b>	<b>Other Information</b>
Additional information:	<p>THE INFORMATION HEREIN IS GIVEN IN GOOD FAITH, BUT NO WARRANTY EXPRESSED OR IMPLIED, IS MADE. CONTACT ICYNENE INC FOR FURTHER INFORMATION.</p> <p><u>Manufacturer's Disclaimer:</u> While the information and recommendations in this publication are, to the best of our knowledge, information and belief, accurate at the date of publication, NOTHING HEREIN IS TO BE CONSTRUED AS A WARRANTY, EXPRESSED OR OTHERWISE.</p> <p>IN ALL CASES, IT IS THE RESPONSIBILITY OF THE USER TO DETERMINE THE APPLICABILITY OF SUCH INFORMATION AND</p>

# SAFETY DATA SHEET

## Product Name: ICYNENE LD-C-50® FOAM

	<p>RECOMMENDATIONS AND THE SUITABILITY OF ANY PRODUCTS FOR ITS OWN PARTICULAR PURPOSE.</p> <p>NO PERSON OR ORGANISATION EXCEPT A DULY AUTHORIZED ICYNENE INC.'S EMPLOYEE IS AUTHORIZED TO PROVIDE OR MAKE AVAILABLE, DATA SHEETS FOR ICYNENE INC.'S PRODUCTS. DATA SHEETS FROM UNAUTHORIZED SOURCES MAY CONTAIN INFORMATION THAT IS NO LONGER CURRENT OR ACCURATE. NO PART OF THIS DATA SHEET MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM, OR BY ANY MEANS, WITHOUT PERMISSION IN WRITING FROM ICYNENEINC. ALL REQUESTS FOR PERMISSION TO REPRODUCE MATERIAL FROM THIS DATA SHEET SHOULD BE DIRECTED TO ICYNENE INC., R&amp;D CHEMIST.</p> <p>Jan 14 2013</p>
--	--

# SAFETY DATA SHEET

## Product Name: ICYNENE LD-C-50® FOAM

### HEALTH AND SAFETY STATEMENT FOR CERTIFIED ICYNENE SPRAYERS

ICynene products have an excellent health and safety record spanning more than 350,000 insulation projects over more than 25 years. Nonetheless, safe handling practices during and immediately following installation are required to eliminate the possibility of health effects from exposure to isocyanates. Asthma, other lung problems, and irritation of the nose and throat can result from inhalation of isocyanates. Direct contact with the skin and eyes can result in irritation. Different individuals will react differently to the same exposures; some will be more sensitive than others. Severe asthma attacks have been reported in some sensitized workers exposed repeatedly to isocyanates while not wearing proper protective equipment. Some reports indicate a reaction and sensitization can occur following a single, sustained occupational exposure to isocyanates without proper protective equipment above the OSHA permissible exposure limit. But sensitization might not occur immediately in some individuals. Consistent use of personal proper protective equipment to prevent exposure during spraying and within the 24 hour-period after spraying is completed is critical to eliminating the health hazard. Once sensitization has occurred, a worker might not be able work safely with spray foam insulation again.

Sprayers, sprayer helpers, and anyone else present during spraying or within 24 hours after spraying is complete: You must wear proper Personal Protective Equipment (PPE) at all times during spray, including full-body-coverage, chemical-protective clothing and a NIOSH-certified respirator with fresh air supply. While spraying and for 24 hours after spraying is completed, no one must be allowed within 50 feet of the sprayed foam without wearing this type of PPE at all times. Adequate active, negative pressure ventilation (exhaust fans) of the job site must be in place during spray and for 24 hours after spray is complete.

Independent studies indicate that with 24 hours' active ventilation after spraying is completed, ICynene spray foam insulation is safely cured.

