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SAFETY DATA SHEET

Product Name: ICYNENE LD-C-50® Foam

Section 1:	Identification of the Substance and Supplier
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

Section 2:	Composition/Information on Ingredients
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.

Section 3:	Hazards Identification
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.

Section 4:	First Aid Measures
Ingestion:	Not available
Inhalation:	Not available
Eye Contact:	Not available
Skin Contact:	Not available

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

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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.

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

Section 7:	Handling and Storage
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

Section 8:	Exposure Control / Personal Protection
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.

Section 9:	Physical and Chemical Properties
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

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

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

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

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

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

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

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

Section 16:	Other Information
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>

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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.

