

MATERIAL SAFETY INFORMATION SHEET

IDENTITY (As Used on Label and List) CLYSAR® Grade LLG Shrink Film (all gauges)	NOTE: If any item is not applicable, or no information is available, the space must be marked to indicate that.
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SECTION I

Manufacturer's Name Bemis Clysar, Inc.	Emergency Telephone Number (920) 303-7850
Address (Number, Street, City, State, Zip Code) 2200 Badger Avenue P.O. Box 2968 Oshkosh, WI 54903-2968 USA	Telephone Number for Information (920) 303-7841
	Date Prepared July 22, 2009
Name of Preparer (Optional) Will McKay	Title of Preparer Sr. Coordinator – Product Safety & Stewardship

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION (NA = Not Applicable)

Hazardous Components Chemical Identity	(Specific Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
NA					

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	NA	Specific Gravity	NA
Vapor Pressure (mm Hg.)	NA	Melting Point	NA
Vapor Density (AIR = 1)	NA	Evaporation Rate (Butyl Acetate = 1)	NA
Solubility in Water Insoluble			
Appearance and Odor NA			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	NA	Flammable Limits	NA	LEL	UEL
Extinguishing Media Dry chemical, foam, or carbon dioxide					
Special Fire Fighting Procedures Use water spray to cool fire Use NIOSH/MSHA approved respiratory protection for fire fighting.					
Unusual Fire and Explosion Hazards Refer to NFPA Pamphlet #654, "Prevention of Fire & Dust Explosions in the Chemical, Dye, Pharmaceutical, and Plastics Industries					

SECTION V - REACTIVITY DATA

Stability	Unstable		Conditions to Avoid	None
	Stable	X		

Incompatibility (Materials to Avoid)

None

Hazardous Decomposition or Byproducts

Combustion may produce CO, CO₂, alcohols, aldehydes (including formaldehyde), hydrocarbon oxidation products, irritating smoke, and organic acids.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	None

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
None expected under normal conditions	NA	NA	NA

Health Hazards (Acute and Chronic)

For nuisance particles, TLV is 10 mg/m³

Carcinogenicity:	NTP?	LARC Monographs?	OSHA Regulated?
NA	NA	NA	NA

Signs and Symptoms of Exposure

NA

Medical Conditions

NA

Emergency and First Aid Procedures

NA

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Respiratory Protection (Specify Type)

If dust or particulates are generated, NIOSH/MSHA approved mask

Ventilation	Local Exhaust	Special
	If needed refer to ACGIH Industrial Ventilation Manual	
	Mechanical (General)	Other
	Follow State and Local regulations	

Protective Gloves	Eye Protection
NA	NA

Other Protective Clothing or Equipment

NA

Work/Hygienic Practices

NA

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond Bemis Clysar, Inc.'s control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.



BEMIS COMPANY, INC.

Product Safety & Stewardship

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MSIS vs. MSDS - What's the Difference?

A Material Safety Data Sheet (MSDS) contains various safety-related information for a single raw material. For any raw material that enters any Bemis plant, a MSDS is required from the supplier.

Since OSHA considers the products manufactured by Bemis as “articles,” or conglomeration of raw materials, we are exempt from providing MSDS to customers, per the notes below:

This product is considered by OSHA as “Articles” under 29 CFR 1910.1200; the following is the definition under (c):

“This is a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has an end use function dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, or minute or trace amounts of a hazardous chemical (as determined under paragraph (d) of the article section) and does not pose a physical or health risk to the consumer.”

Instead, Bemis Product Safety & Stewardship can provide a Material Safety Information Sheet (MSIS) for the customer, which pertains to a finished packaging product. This is our 2 page answer to MSDS request, which indicates the product name, where it's produced, and what happens to it when it smolders or burns (when incinerating for energy recovery).