

MATERIAL SAFETY DATA SHEET

SECTION 1 - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME: **LAF120 Anti-Foam Additive**

MANUFACTURED BY:



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USE IN CASE OF A DANGEROUS GOODS EMERGENCY

CHEMICAL FAMILY: Polyolefins

MATERIAL USE: Defoamer, Paint Additive

FLAMMABILITY

3

REACTIVITY

0

HEALTH

2

PERSONAL PROTECTION

B

SECTION 2 - HAZARDOUS INGREDIENTS

Hazardous Ingredients	Weight %	CAS or UN number	OSHA PEL	ACGIH TWA	LD50/LC50
Heptain isomers	60 - 100	64742-49-0			
Acetic acid, hydroxyl- butyl ester	3-7	7397-62-8			
Ethanol, 2-butoxy-	0.5	111-76-2			
			240 mg/m ³ 50 ppm	20 ppm	

SECTION 3 - PHYSICAL DATA

* Values are not product specifications.

Physical State Gas <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Solid <input type="checkbox"/>	Appearance Translucent liquid	Odor Characteristic	Odor Threshold Not available	Specific Gravity @20°C 0.78
Vapor Pressure (mm) 10.0 hPa @ 20°C	Vapor Density (Air = 1) Not available	Evaporation Rate Less than ether	Boiling Point (°C) 143°C	Freezing Point (°C) Not available
Solubility in Water 0 - mil	% solids (by weight) -20	pH Not available	Coefficient of Water/Oil Distribution Not applicable	TSCA

SECTION 4 - FIRE AND EXPLOSION DATA

Flammability Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	If YES under which conditions / comments: Requires source of ignition, presence of air, and a temperature greater than the flashpoint.			
Means of Extinction Foam, Carbon dioxide or dry chemical				
Special Procedures None				
Flashpoint (°C) and Method 30°C	Upper Explosion Limit (% by volume) 8.0%	Lower Explosion Limit (% by Volume) 0.6%		
Auto Ignition Temperature Not available	TDG Flammability Classification Class 3	Hazardous Combustion Products Burning may produce toxic combustion products		
Explosion Data Not applicable	Rate of Burning Not applicable	Sensitivity to Static Discharge Not applicable		

SECTION 5 - REACTIVITY DATA

Chemical Stability Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	If NO under which conditions?	
Incompatibility to other substances Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	If YES, which ones? Strong oxidizing agents, strong acids and bases	
Reactivity and under what conditions: None Expected		
Hazardous Decomposition Products: No dangerous decomposition expected under normal storage conditions. Avoid temperature extremes.		

SECTION 6 - TOXICOLOGICAL PROPERTIES

Route of Entry <input type="checkbox"/> Skin Contact <input checked="" type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input checked="" type="checkbox"/> Inhalation Acute <input type="checkbox"/> Inhalation Chronic <input checked="" type="checkbox"/> Ingestion		
Effects of Acute Exposure to Product Splashes may cause irritation of eyes and skin. Ingestion: Effects are unknown		
Effects of Chronic Exposure to Product None known		
Carcinogenicity <input type="checkbox"/> Reproductive Effects <input type="checkbox"/> Teratogenicity <input type="checkbox"/> Mutagenicity <input type="checkbox"/>		
Does not meet HMIS criteria for these effects.		
LD50 of product (Specify Species and Route) Not available	Irritancy of Product May cause slight skin and eye irritation	Exposure Limits of Products Not available
LC50 of Product (Specify species) Not available	Sensitization of Product None known	Synergistic Materials None known

SECTION 7 - PRECAUTIONS AND PREVENTATIVE MEASURES

Personal Protective Equipment

Gloves and goggles may be worn

Gloves (Specify)	Respiratory (Specify)	Eye (Specify)	Footwear (Specify)
Protective and chemical resistant gloves	NIOSH approved respirator as needed to mitigate exposure	Splash proof chemical goggles	Not needed
Clothing (Specify)	Other (Specify)		
None specified	None		

Engineering Controls (e.g. ventilation, enclosed process, specify)

Work in well ventilated areas. Do not breathe vapors or mist.

Leak and Spill Procedures

Absorb spill with inert material (e.g. dry sand or earth) then place in a chemical waste container. Wear suitable protective equipment. Should not be released into the environment. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.

Waste Disposal

Consult local environmental agencies. Do not cut containers; flammable vapors may exist in containers in which residues of this product remain.

Handling Procedures and Equipment

Avoid eye, skin and clothing contact. Do not inhale, taste or swallow. Use only with adequate ventilation. Keep away from heat, sparks and flame. Wear splash proof chemical goggles, chemical resistant gloves.

Storage Requirements

Keep container tightly closed in a cool, well-ventilated place. Store in area with appropriate fire protection.

General Shipping Information

DOT Regulations

Hazard Class	3
Identification Number	UN1866
Packaging Group	111
Proper shipping name (technical name)	RESIN SOLUTION, flammable
Marine Pollutant	No

Maritime Transport IMDG

IMDG Class	3
UN Number	1866
Packaging number	111
Proper shipping name (technical name)	RESIN SOLUTION, flammable
Marine Pollutant	No

Air Transport ICAO-TI and IATA-DGR

ICAO/IATA Class	3
UN/ID Number	1866
Packaging Group	111
Proper shipping name (technical name)	RESIN SOLUTION

SECTION 8 - FIRST AID TREATMENT

Skin

Wash thoroughly with soap and plenty of water. Get medical attention if irritation occurs.

Eyes

Wash with gently flowing lukewarm water for at least fifteen minutes. Consult physician

Inhalation

Move to fresh air, if not breathing give artificial respiration. If breathing is difficult, give oxygen and get immediate medical attention.

Ingestion

Do not induce vomiting. If vomiting occurs naturally, have casualty lean forward to reduce the risk of aspiration. Consult physician.

General Advice

Consult physician for all serious overexposures / signs of rash.

SECTION 9 - PREPARATION DATE

Additional Information / Comments

We assigned hazards to this product based on its ingredients. Since the customer is aware of the application and method of use, the customer must ensure that proper health and safety procedures are followed.

Preparation Date July 10, 2002

Revision Date October 31, 2007

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