

# SAFETY DATA SHEET

Date Prepared : 01/01/2021

SDS No : 87-x125

## Mold Release 87-x125

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Mold Release 87-x125  
**GENERAL USE:** Coatings  
**PRODUCT DESCRIPTION:** Mold Release 87-x125  
**PRODUCT CODE:** 87-x125  
**PRODUCT FORMULATION NAME:** Mold Release  
**CHEMICAL FAMILY:** Solvent

#### MANUFACTURER

Lilly-RAM Chemical Company, LLC  
P.O. Box 3337  
Ontario, CA 91761-9998  
**Customer Service:** 909-223-9699

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

**Poison Control Center (Medical) :** (877) 800-5553  
**CANUTEC (Canadian Transportation) :** (613) 996-6666  
**CHEMTREC (US Transportation) :** (800) 424-9300

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

Flammable Liquids, Category 2  
Skin Irritation, Category 2  
Eye Irritation, Category 2A  
Germ Cell Mutagenicity, Category 1B  
Carcinogenicity, Category 1B  
Target Organ Toxicity (Single exposure), Category 3  
Aspiration Hazard, Category 1

#### GHS LABEL



Exclamation  
mark



Health  
hazard



Flame

#### HAZARD STATEMENTS

H225: Highly flammable liquid and vapour.  
H304: May be fatal if swallowed and enters airways.  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H336: May cause drowsiness or dizziness.  
H340: May cause genetic defects (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).  
H350: May cause cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

#### PRECAUTIONARY STATEMENTS

##### Prevention:

P202: Do not handle until all safety precautions have been read and understood.  
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233: Keep container tightly closed.  
P240: Ground and bond container and receiving equipment.  
P241: Use explosion-proof [electrical/ventilating/lighting/...] equipment.  
P242: Use non-sparking tools.

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P243: Take action to prevent static discharges.  
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264: Wash exposed areas thoroughly after handling.  
P271: Use only outdoors or in a well-ventilated area.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P281: Use personal protective equipment as required.

### Response:

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/...  
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P312: Call a POISON CENTER/doctor/...if you feel unwell.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313: IF exposed or concerned: Get medical advice/ attention.  
P331: Do NOT induce vomiting.  
P332+P313: If skin irritation occurs: Get medical advice/attention.  
P337+P313: If eye irritation persists: Get medical advice/attention.  
P362: Take off contaminated clothing.  
P370+P378: In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

### Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.  
P403+P235: Store in a well-ventilated place. Keep cool.  
P405: Store locked up.

### Disposal:

P501: Dispose of contents/container to in accordance with local, state and federal regulations.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
2-propanol	10 - 15	67-63-0
1-butanol	1 - 5	71-36-3
Proprietary Additive	0.1 - 1	

## 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**SKIN:** If skin and hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Get medical attention. Wash contaminated clothing before re-use.

**INGESTION:** If swallowed, Do not induce vomiting. Rinse mouth. Get immediate medical attention. If spontaneous vomiting occurs, hold patients head below hips to avoid possible aspiration of vomitus into lungs.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. Get medical attention.

**NOTES TO PHYSICIAN:** Treat according to symptoms.

## 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** 3

**EXTINGUISHING MEDIA:** Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

**FIRE FIGHTING PROCEDURES:** Use foarm. Dry powder. Carbon Dioxide (co2). Water spray. Sand

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**FIRE FIGHTING EQUIPMENT:** Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes. Use cold water spray to cool fire exposed containers to minimize risk of rupture,

**SENSITIVE TO STATIC DISCHARGE:** Subject to static discharge hazards. Please see bonding and grounding information in section 7.

**SENSITIVITY TO IMPACT:** No

### 6. ACCIDENTAL RELEASE MEASURES

**GENERAL PROCEDURES:** Ventilate the area. Avoid breathing dust or vapor. Use self contained breathing apparatus or air mask for large spills in a confined area. Wipe, scrape, or soak up in an inert material and put in container for disposal. See section 7 for handling and storage, for proper container and storage procedures. Remove all sources of ignition. Soak up with inert absorbent material. Use only non-sparking tools. Avoid contact with eye.

### 7. HANDLING AND STORAGE

**HANDLING:** Follow all MSDS/label precautions even after container is emptied because it may retain product residues.

**STORAGE:** To maintain product quality, do not store in heat or direct sunlight.

**STORAGE TEMPERATURE:** Do not store above 85 degrees F (29.4 degrees C).

**COMMENTS:** Keep away from heat, sparks, and open flame. - No Smoking. Keep container closed when not in use. Based on flash point and vapor pressure, suitable storage should be provided in according with OSHA regulation 1910.106, Ontario OH&S regulation 851 section 22. Empty containers may contain product residue, including flammable or explosive vapors. Do not cut, puncture, or weld on or near container. All label warnings must be observed until the container has been commercially cleaned or reconditioned. If the product is used near or above the flashpoint, an ignition hazard may be present. Activities, uses, or operations which liberated vapor (such as mixing or free fall of liquids) may also present an ignition hazard. Please ensure containers and other interconnected equipment are properly bonded and grounded at all times.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
2-propanol	TWA	400	980	200	490	NL	NL
	STEL			400	960	NL	NL
1-butanol	TWA	100	300	20		NL	NL
	STEL					NL	NL

**ENGINEERING CONTROLS:** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent).

**SKIN:** Wear protective gloves

**RESPIRATORY:** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure

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limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

**PROTECTIVE CLOTHING:** Wear suitable protective clothing

**WORK HYGIENIC PRACTICES:** Use only in well-ventilated areas. Ensure adequate ventilation, especially in confined areas. Ovens used for curing should contain a fresh air purge to prevent vapours from accumulating and creating a possible explosive mixture. Where the product is used in a hazardous classified area, use explosion proof electrical/ventilating/lighting/equipment.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical Name	Flash Point (°C)
2-propanol	13 Closed cup

**PHYSICAL STATE:** Liquid

**ODOR:** Normal for this product type.

**pH:** Not yet Determined

**FLASH POINT AND METHOD:** 12°C (53°F) Pensky-Martens closed cup (ASTM D-93)

**FLAMMABLE LIMITS:** 0 to 0

**AUTOIGNITION TEMPERATURE:** Not Available

**VAPOR PRESSURE:** 33 mmHG @ 68 F (20 C)

**VAPOR DENSITY:** 2.1 (Air = 1)

**BOILING POINT:** 181 F (83 C)

**SOLUBILITY IN WATER:** Soluble

**EVAPORATION RATE:** 2.8

**Notes:** (Buytl Acetate = 1)

**DENSITY:** 7.95

**SPECIFIC GRAVITY:** 0.95

### 10. STABILITY AND REACTIVITY

**HAZARDOUS POLYMERIZATION:** None anticipated.

**STABILITY:** Stable under normal conditions.

**CONDITIONS TO AVOID:** Direct sunlight. Extremely high or low temperatures. Open Flame.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide and carbon dioxide.

**INCOMPATIBLE MATERIALS:** Strong oxidizing agents.

**COMMENTS:** Subject to static discharge hazards. Please see bonding and grounding information in section 7.

### 11. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:** Causes serious eye irritation.

**SKIN EFFECTS:** Causes skin irritation.

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### 12. ECOLOGICAL INFORMATION

**COMMENTS:** No information on ecology is available.

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Empty packaging should be disposed of through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with state, local and federal authority regulations. Packaging may still contain hazardous product residues.

**RCRA HAZARD CLASS:** 3- Flammable Liquid

### 14. TRANSPORT INFORMATION

#### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Paint

**TECHNICAL NAME:** Naphtha Isopropanol

**PRIMARY HAZARD CLASS/DIVISION:** 3

**UN/NA NUMBER:** UN1263

**PACKING GROUP:** II

#### ROAD AND RAIL (ADR/RID)

**PROPER SHIPPING NAME:** Paint

**UN NUMBER:** UN1263

**HAZARD CLASS:** 3

**PACKING GROUP:** II

#### AIR (ICAO/IATA)

**SHIPPING NAME:** Paint

**TECHNICAL NAME:** Paint

**UN/NA NUMBER:** UN1263

**PRIMARY HAZARD CLASS/DIVISION:** 3

**PACKING GROUP:** II

#### VESSEL (IMO/IMDG)

**SHIPPING NAME:** Paint

**TECHNICAL NAME:** Paint

**UN/NA NUMBER:** UN1263

**PRIMARY HAZARD CLASS/DIVISION:** 3

**PACKING GROUP:** II

#### CANADA TRANSPORT OF DANGEROUS GOODS

**SHIPPING NAME:** Paint

**TECHNICAL NAME:** Paint

**UN/NA NUMBER:** UN1263

**PRIMARY HAZARD CLASS/DIVISION:** 3

**PACKING GROUP:** II

**COMMENTS:** 49 CFR Hazardous Material Regulations Parts 100-180:

The supplier will apply the combustible liquid exception in 49 cfr 173.150(f), limited quantity or "does not sustain combustion"

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exceptions and consumer commodity rules, when authorized. Please check 49 cfr parts 100 - 180 to determine if the use of these exceptions applies to your shipments when re-shipping our products.

### 15. REGULATORY INFORMATION

#### UNITED STATES

##### DOT LABEL SYMBOL AND HAZARD CLASSIFICATION



Flammable  
Liquid

R10: Flammable.

##### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**FIRE:** Yes **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** Yes

##### EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt.%	CAS
2-propanol	10 - 15	67-63-0
1-butanol	1 - 5	71-36-3

##### CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt.%	CERCLA RQ
1-butanol	1 - 5	5,000

##### TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
2-propanol	67-63-0
1-butanol	71-36-3

**TSCA STATUS:** All components of this product are registered under the regulations of the Toxic Substance Control Act.

**CALIFORNIA PROPOSITION 65:** This product contains chemicals that have been designated as a cancer or reproductive hazard in the State of California.

#### CANADA

**DOMESTIC SUBSTANCE LIST (INVENTORY):** All components of this product are listed on the Domestic Substances List.

### 16. OTHER INFORMATION

**APPROVED BY:** R.Aldaco      **TITLE:** Preparer  
**PREPARED BY:** R. Aldaco      **Date Prepared:** 01/01/2021

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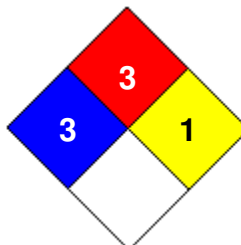
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### HMIS RATING

HEALTH	*	3
FLAMMABILITY		3
PHYSICAL HAZARD		1
PERSONAL PROTECTION	X	

### NFPA CODES



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