

MATERIAL SAFETY DATA SHEET
RELEASE ADHESIVE AND SEALANT REMOVER

FILE NO.: 0056
MSDS DATE: 05/16/06

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Release: Adhesive and Sealant Remover
SYNONYMS: Adhesive Cleaner
PRODUCT CODES: 1288, 1289, 1290, 1291

MANUFACTURER: Life Industries Corporation
DIVISION: Manufacturing
ADDRESS: 4060 Bridge View Drive
N. Charleston, SC 29405

EMERGENCY PHONE (USA): 1-800-424-9300
EMERGENCY PHONE (Outside USA): 1-703-527-3887
OTHER CALLS: 1-800-262-8200
FAX PHONE: (843)-566-1275

PRODUCT USE: Removing residual amounts of sealant from seams; removing remnants of adhesives from tools.
PREPARED BY: Travis G. Geveton, M.S.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT(S):

1.) CYCLOHEXANONE

<u>CAS NO.</u>	<u>% WT.</u>	<u>% VOL.</u>	<u>SARA 313 REPORTABLE</u>
108-94-1	NA	NA	NA
	<u>ppm</u>	<u>mg/m³</u>	
OSHA PEL-TWA:	50	NA	
OSHA PEL STEL:	NA	NA	
OSHA PEL CEILING:	NA	NA	
ACGIH TLV-TWA:	25	NA	
ACGIH TLV STEL:	NA	NA	
ACGIH TLV CEILING:	NA	NA	

2.) 2-BUTANONE

<u>CAS NO.</u>	<u>% WT.</u>	<u>% VOL.</u>	<u>SARA 313 REPORTABLE</u>
108-94-1	NA	NA	NA
	<u>ppm</u>	<u>mg/m³</u>	
OSHA PEL-TWA:	200	NA	
OSHA PEL STEL:	300	NA	
OSHA PEL CEILING:	NA	NA	
ACGIH TLV-TWA:	200	NA	
ACGIH TLV STEL:	300	NA	
ACGIH TLV CEILING:	NA	NA	

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: CAUTION COMBUSTIBLE!

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ROUTES OF ENTRY: INGESTION, SKIN CONTACT, EYE CONTACT

POTENTIAL HEALTH EFFECTS

EYES: Will cause irritation.

SKIN: May cause irritation.

INGESTION: Poison; similar in character to other organic solvents, e.g. (toluene, benzene, mineral spirits).

INHALATION: General euphoric sensation can occur at VERY high concentrations of product. Central nervous system depression can result, followed by: 1.) Unconsciousness 2.) Heart arrhythmia.

ACUTE HEALTH HAZARDS: N/A

CHRONIC HEALTH HAZARDS: No information found.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NA

SECTION 3 NOTES:

SECTION 4: FIRST AID MEASURES

EYES: Immediately flush eyes with gentle but large stream of water for at least 15 minutes. Call a physician immediately.

SKIN: Immediately flush skin with plenty of water for at least 15 minutes. If irritation persist contact a physician.

INGESTION: If swallowed, **DO NOT INDUCE VOMITTING.** Give large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat symptomatically and supportively.

SECTION 4 NOTES:

SECTION 5: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Foam, CO₂, dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers at higher temperatures could explode due to the resultant pressure.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Oxides

SECTION 5 NOTES:

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Confine spill and place in a closed container. Wipe up excess with dry rags and place in a closed container.

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SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Avoid contact with skin and eyes by using personal protective equipment, extreme temperatures should be avoided, i.e. store in a cool place away from sunlight. Avoid oxidizing agents and any ignition sources.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Use adequate ventilation to keep airborne concentrations low.

RESPIRATORY PROTECTION: Not generally required, but it is recommended to require a NIOSH-approved cartridge.

EYE PROTECTION: Goggles

SKIN PROTECTION: PVC or rubber gloves.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear liquid

ODOR: Characteristic mild citrus odor.

PHYSICAL STATE: Liquid

pH AS SUPPLIED: NA

pH (Other):

BOILING POINT:

F: 315

C: 157

MELTING POINT:

F: NA

C: NA

FREEZING POINT:

F: NA

C: NA

VAPOR PRESSURE (mmHg): 3.0 mm Hg @ 20 degrees C

VAPOR DENSITY (AIR = 1): 4.70

SPECIFIC GRAVITY (H₂O = 1): NA

EVAPORATION RATE: < 1

BASIS (=1):

Flash Point: 108-112 F (42-44 C)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (cont)

SOLUBILITY IN WATER: Miscible

PERCENT VOLATILE: < 97 %

BY VOL @

F: NA

C: NA

SECTION 9 NOTES:

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SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable under ordinary conditions of use and storage.

CONDITIONS TO AVOID (STABILITY): Excessive heat/open flames.

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizing agents and strong acids.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon Oxides

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID (POLYMERIZATION): N/A

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

No toxicological information is available for this product.

SECTION 11 NOTES:

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

No ecological information available.

SECTION 12 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Petroleum Distillates, N.O.S

HAZARD CLASS: 3

ID NUMBER: UN 1268

PACKING GROUP: III

LABEL STATEMENT: Flammable

European Information:

Xn, F

R 10, 22

S 2, 23, 24, 25, 26, 62

SECTION 14 NOTES: Labeling requirements depends on amount of product per package. Proper shipment (marking, labels, etc.) will be considered for each shipment.

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SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Components Listed.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None subject to reporting requirements.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): NA

311/312 HAZARD CATEGORIES: NA

313 REPORTABLE INGREDIENTS: NA

STATE REGULATIONS: NA

INTERNATIONAL REGULATIONS: NA

SECTION 15 NOTES:

**SECTION 16: OTHER INFORMATION
OTHER INFORMATION:**

European Risk Phrases:

R 36/38, R41

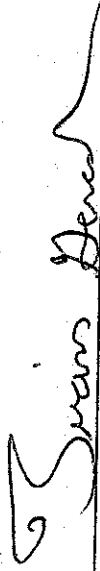
European Safety Phrases:

S2, S3, S24/25, S26

PREPARATION INFORMATION:

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Chemist—Life Industries

Signature



DISCLAIMER: The information and recommendations contained herein are based upon data believed to be correct. Life Industries Corporation assumes no liability for misinterpretation of the data contained within this form as any type of warranty or guarantee of the product.

