

# LIQUID RELEASE AGENT

COLORLESS BOND BREAKER

## MATERIAL SAFETY DATA SHEET

MATCRETE INC.

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Read this MSDS before use or disposal of this product. Pass along the information to employees and any persons who could be exposed to the product to be sure that they are aware of the information before use or other exposure. This MSDS has been prepared according to the OSHA Hazard Communication Standard (29 CFR 1915, 1916, 1917). This MSDS information is based on sources believed to be reliable. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse beyond our control, MATCRETE makes no warranty, either expressed or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. Also, additional information may be necessary or helpful for specific conditions and circumstances of use. It is the user's responsibility to determine the suitability of this product and to evaluate risks prior to use, and then to exercise appropriate precautions for protection of employees and others.

### SECTION I. PRODUCT IDENTIFICATION

**PRODUCT NAME:** LIQUID RELEASE AGENT  
**CAS NUMBER:** N/A  
**MATCRETE MSDS #:** LR  
**CHEMICAL FAMILY:** ALIPHATIC HYDROCARBON

**GENERAL ASSISTANCE:** MATCRETE INC. (800)777-7063  
**EMERGENCY ASSISTANCE:** CHEMTREC (DOMESTIC) (800)424-9300  
**EMERGENCY ASSISTANCE:** CHEMTREC (INTERNATIONAL) (703)527-3887

### SECTION II. HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NUMBER	VAPOR PRESSURE	EXPOSURE LIMITS (TWA'S IN AIR)		
			ACGIH TLV	OSHA PEL	STEL
INERT INGREDIENTS	64742-88-7	2.0	N/A	100 ppm	N/A
FATTY ACIDS (PROPRIETARY)	N/A	1.0	N/A	N/A	N/A

### SECTION III. PHYSICAL AND CHEMICAL PROPERTIES

**PRODUCT WEIGHT:** 6.52 LB./GAL.  
**BOILING POINT/RANGE:** 313° F TO 495° F  
**VAPOR DENSITY (AIR=1):** HEAVIER THAN AIR  
**EVAPORATION RATE:** SLOWER THAN ETHER  
**% VOLATILES:** 97.7 BY VOLUME

### SECTION IV. FIRE FIGHTING MEASURES

**FLASH POINT:** 125° F, TCC  
**LOWER EXPLOSIVE LIMIT:** 1.0  
**UPPER EXPLOSIVE LIMIT:** N/A  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** CAUTION! COMBUSTIBLE LIQUID. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT OR FIRE. VAPORS MAY IGNITE. WATER MAY BE INEFFECTIVE ON FIRE, BUT WATER SPRAY MAY BE USED TO COOL CLOSED CONTAINERS EXPOSED TO EXTREME HEAT OR FIRE TO PREVENT PRESSURE BUILD AND UP AND POSSIBLE AUTO IGNITION OR EXPLOSION.  
**EXTINGUISHING MEDIA:** USE FOAM, CARBON DIOXIDE OR DRY CHEMICAL.  
**SPECIAL FIREFIGHTING PROCEDURES:** N/A

### SECTION V. HEALTH HAZARD DATA

**THRESHOLD LIMIT VALUE:** NONE ESTABLISHED FOR THIS PRODUCT.  
**EFFECTS OF OVEREXPOSURE:** IRRITATION OF EYES, SKIN, AND RESPIRATORY TRACT. POSSIBLE DERMATITIS ON REPEATED AND PROLONGED SKIN CONTACT. HEADACHE AND DIZZINESS LIKELY WITH VAPOR INHALATION. PROLONGED INHALATION MAY LEAD TO UNCONSCIOUSNESS.

#### EMERGENCY AND FIRST AID PROCEDURES

**FUMES:** MOVE PERSON TO WELL VENTILATED AREA. RESTORE BREATHING. GET MEDICAL ATTENTION.  
**SKIN CONTACT:** WIPE WITH CLEAN CLOTH, WASH THOROUGHLY WITH SOAP AND WATER.

**EYE CONTACT:** FLUSH THOROUGHLY WITH WATER, GET MEDICAL ATTENTION.

**INGESTION:** DO NOT INDUCE VOMITING. GIVE PATIENT 2 - 4 GLASSES OF WATER TO DRINK TO DILUTE THE PRODUCT. GET MEDICAL ADVICE.

## SECTION VI. REACTIVITY DATA

**STABILITY:** STABLE

**INCOMPATABILITY:** NONE KNOWN

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR

**HAZARDOUS DECOMPOSITION PRODUCTS:** CARBON DIOXIDE, CARBON MONOXIDE, AND POSSIBLE NITROUS OXIDE FUMES ON IGNITION.

## SECTION VII. SPILL OR LEAK PROCEDURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** REMOVE ALL SOURCES OF IGNITION.

VENTILATE AREA. MOP SPILLS WITH INERT ABSORBENT.

**WASTE DISPOSAL METHOD:** DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS. DO NOT INCINERATE CLOSED CONTAINER.

## SECTION VIII. SPECIAL PROTECTION INFORMATION

### SPRAY APPLICATION

**OPEN AREAS:** USE PAINT SPRAY MASK, MECHANICAL FILTER.

**RESTRICTED VENTILATION AREAS:** USE PAINT SPRAY MASK AND APPROVED CHEMICAL-MECHANICAL FILTER.

**CONFINED AREAS:** USE AIR LINE RESPIRATORS OR HOODS.

### VENTILATION

PROVIDE DILUTION VENTILATION OR LOCAL EXHAUST TO KEEP VAPORS BELOW THRESHOLD LIMIT VALUES

**PROTECTIVE GLOVES:** SOLVENT RESISTANCE GLOVES

**EYE PROTECTION:** SPLASH PROOF GOGGLES

## SECTION IX. SPECIAL PRECAUTIONS

### HANDLING AND STORAGE

STORE BELOW 105° F. KEEP CONTAINERS CLOSED AND AWAY FROM HEAT AND OPEN FLAME.

### OTHER PRECAUTIONS

- AVOID PROLONGED CONTACT WITH SKIN AND BREATHING VAPORS OR SPRAY MIST.
- DO NOT APPLY TO HOT SURFACES.
- AVOID CONTAMINATION WITH FOREIGN MATERIALS.
- DO NOT TAKE INTERNALLY.

## SECTION X. CONTROL MEASURES

**RESPIRATORY PROTECTION:** ALL-PURPOSE CANISTER MASK OR AIR-SUPPLIED MASK IF THE TLV IS EXCEEDED. ONLY MSHA OR NIOSH APPROVED RESPIRATORS SHOULD BE USED.

**VENTILATION:** LOCAL IS PREFERABLE, BUT MECHANICAL IS ACCEPTABLE.

**PROTECTIVE CLOTHING:** PROTECTIVE GLOVES ARE ADVISABLE, AND GOGGLES OR A FACE SHIELD SHOULD BE USED.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** AN EYE BATH AND A SAFETY SHOWER SHOULD BE AVAILABLE.

**WORK/HYGIENIC PRACTICES:** EMPLOYEES WHO HANDLE LIQUID RELEASE AGENT SHOULD WASH THEIR HANDS THOROUGHLY BEFORE EATING, SMOKING, OR USING TOILET FACILITIES.

## SECTION XI. TRANSPORT AND REGULATORY INFORMATION

**SYNONYMS/Common Names:** LIQUID RELEASE AGENT

**CHEMICAL FAMILY/TYPE :** PETROLEUM DISTILLATES

**DOT PROPER SHIPPING NAME:** PAINT RELATED MATERIALS

**DOT HAZARD CLASS/I.D. #:** 3, UN1263, PG III

**NFPA RATING:** HEALTH - 1; FLAMMABILITY - 1; REACTIVITY - 0

0=INSIGNIFICANT    1=SLIGHT    2=MODERATE    3=HIGH    4=EXTREME