

LIQUID RELEASE AGENT

MATERIAL SAFETY DATA SHEET

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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 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

INCOMPATIBILITY: 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