

CAULK/DENTSPLY -- LUCITONE LIQUID -- 6520-00-116-8941

===== Product Identification =====

Product ID:LUCITONE LIQUID

MSDS Date:10/26/1987

FSC:6520

NIIN:00-116-8941

MSDS Number: CBQCY

=== Responsible Party ===

Company Name:CAULK/DENTSPLY

Address:LAKEVIEW & CLARKE AVE

City:MILFORD

State:DE

ZIP:19963-0359

Country:US

Info Phone Num:302-422-4511

Emergency Phone Num:302-422-4511

CAGE:11107

=== Contracto

r Identification ===

Company Name:CAULK/DENTSPLY

Address:38 W CLARKE AVE

Box:359

City:MILFORD

State:DE

ZIP:19963-0359

Country:US

Phone:302-422-4511/ 703-451-1900

CAGE:11107

===== Composition/Information on Ingredients =====

Ingred Name:METHACRYLIC ACID, METHYL ESTER; (METHYL METHACRYLATE,  
INHIBITED) (SARA 313) (CERCLA)

CAS:80-62-6

RTECS #:OZ5075000

Fraction by Wt: 92.5%

OSHA PEL:100 PPM (MFR)

ACGIH TLV:100 PPM (MFR)

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:M

ETHACRYLIC ACID, ETHYLENE ESTER; (ETHYLENE GLYCOL  
DIMETHACRYLATE, INHIBITED)

CAS:97-90-5

RTECS #:OZ4400000

Fraction by Wt: 7.5%

Other REC Limits:TWA 1 MG/M3 (MFR)

OSHA PEL:N/K

ACGIH TLV:N/K

=====  
===== Hazards Identification =====

LD50 LC50 Mixture:LD50:(ORAL,RAT) 9.4 G/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE:EYE CONTACT:IRRITATION AND  
POSSIBLE C

ORNEAL DAMAGE. INHALATION:HEADACHE, NAUSEA, DROWSINESS,  
AND UNCONSCIOUSNESS. SKIN CONTACT:IRRITATION AND SKIN RASH. SIGNS &  
SYMPTOMS OF EXPOSURE:HIGH VAPOR C ONCENTRATIONS CAN INDUCE  
HEADACHE, ANUSEA, SMARTING OF EYES, AND IRRITATION OF RESPIRATORY  
SYSTEM. (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ:LIQUID CONTACT WITH EYES WILL CAUSE  
IRRITATION. CHRONIC:NONE LISTED BY MANUFACTURER.

Medical Cond Aggravated by Exposure:MAY CA  
USE SKIN IRRITATION OR RASH  
IN SENSITIVE PEOPLE.

=====  
===== First Aid Measures =====

First Aid:INHAL:MOVE SUBJECT TO FRESH AIR. GIVE OXYG OR ARTF RESP AS  
REQD. INGEST:INDUCE VOMIT & CONSULT PHYSICIAN IMMEDIATELY. EYE &  
SKIN:FLUSH EYES WITH WATER FOR AT LEAST 15 MINS & CONSULT PHYS IF  
IRRIT IS A PPARENT. WASH SKIN WITH SOAP AND WATER.

=====  
===== Fire Fighting Measures =====

Flash Point Method:SCC

Flash Point:55.0F,1

2.8C

Lower Limits:2.1%

Upper Limits:12.5%

Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures:NIOSH APPRVD SCBA & FULL PROT EQUIP . FIGHT  
FIRE FROM SAFE DISTANCE/PROTECTED AREA. USE COLD WATER SPRAY TO  
COOL FIRE EXPOSED CNTNRS OF THE PRODUCT.

Unusual Fire/Explosion Hazard:VAPORS MAY TRAVEL TO SOURCE OF IGNIT &  
FLASH BACK. HEAT CAN INDUCE POLYMERIZATION RAPID RELEASE OF ENERGY  
WHICH MAY RUPTURE CONTAINERS EXPLOSIVELY.

=====  
===== Accidental Re

leasure Measures =====

Spill Release Procedures:ELIMINATE IGNIT SOURCES. AVOID BRTHG VAPS.  
DIKE & ABSORB SPILL W/INERT MATL (SAND, SODA, ASH, VERMICULITE,  
ETC.) & TRANSFER TO CNTNRS FOR DISP, USING NON-SPARKING TOOLS.  
REMOVE SATURATED CLTHG & WASH AFFECTED SKIN AREAS WITH SOAP &  
WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:STORE AT AMBIENT TEMPERATURES  
AND OUT

OF DIRECT SUNLIGHT. KEEP AWAY FROM SPARKS AND OPEN FLAMES.

Other Precautions:AVOID REPEATED BREATHING AND CONTACT WITH SKIN. USE  
ADEQUATE VENTILATION.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NIOSH APPROVED SELF CONTAINED BREATHING  
APPARATUS DURING HIGH VAPOR CONCENTRATION.

Ventilation:LOCAL EXHAUST:KEEP BELOW TLV & LEL. MECHANICAL  
(GENERAL):EXPLOSION-PROOF MOTORS.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:ANS

I APPRVD CHEM WORKERS GOGGLES .

Other Protective Equipment:IMPERVIOUS APRON & OVERSHOES DURING CLEAN-UP  
OPERATION. ANSI APPRVD EMERGENCY EYE WASH & DELUGE SHOWER .

Work Hygienic Practices:OBSERVE NORMAL CARE WHEN WORKING WITH  
CHEMICALS.

Supplemental Safety and Health

FL PT:50.0F,10.0C. METH:CC.

===== Physical/Chemical Properties =====

Boiling Pt:B.P. Text:214F,101C

Vapor Pres:29

Vapor Density:3.45

Spec Gravity:0.94 (H\*2O=1)

Evaporation Rate & Reference:N

OT KNOWN

Solubility in Water:SLIGHT

Appearance and Odor:COLORLESS LIQUID WITH ACRYLIC ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

REDUCING AND OXIDIZING AGENTS.

Stability Condition to Avoid:ELEVATED TEMPERATURES AND IGNITION SOURCES.

Hazardous Decomposition Products:ACID FUMES AND CARBON MONOXIDE AND/OR CARBON DIOXIDE.

===== Disposal Considerations =====

Waste Disposal Methods:INC

INERATE UNDER CONTROLLED CONDITIONS IN SAFE

OPEN AREA, OR LANDFILL ACCORDING TO FEDERAL, STATE, AND LOCAL REGULATIONS. BIOLOGICAL DEGRADATION IS ALSO POSSIBLE.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this

document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.