

CAULK/DENTSPLY -- 606002, ZOE 2200 LIQUID -- 6520-00-299-7944

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

Product ID:606002, ZOE 2200 LIQUID

MSDS Date:01/12/1990

FSC:6520

NIIN:00-299-7944

MSDS Number: BPBLW

=== Responsible Party ===

Company Name:CAULK/DENTSPLY

Address:LAKEVIEW & CLARKE AVENUES

City:MILFORD

State:DE

ZIP:19963-0359

Country:US

Info Phone Num:302-422-4511

Emergency Phone Num:302-422-4511

CAGE

:11107

=== Contractor 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:PHENOL, 4-ALLYL-2-METHOXY-; (EUGENOL)

CAS:97-53-0

RTECS #:SJ4375000

Ingred Name:ACETIC ACID (SARA III)

CAS:64-19-7

RTECS #:AF1225000

OSHA PEL:10 PPM

ACGIH TLV:10 PPM;15 PPM STEL

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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Hazards Identification  
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

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

Health Hazards Acute and Chronic:LIQUID IRRITATING TO SKIN AND EYES.

REPEATED CONTACT MAY CAUSE ALLERGIC DERMATITIS. REPEATED DAILY ORAL DOSING OF LARGE AMOUNTS TO RATS CAUSED LIVER DAMAGE. THE EFFECTS IN HUMANS ARE UNKNOWN. EXCESSIV E EXPOSURE MAY RESULT IN S IMILAR EFFECTS.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:REDNESS OR IRRITATION OF EYES OR SKIN.

Medical Cond Aggravated by Exposure:KNOWN SENSITIZATION TO EUGENOL. OPEN SORES OR WOUND TO THE SKIN.

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First Aid Measures  
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First Aid:EYE: RINSE WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND SEEK MEDICAL ATTENTION. INHAL: REMOVE PERSON TO FRESH AIR. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS. SKIN: WASH WI TH SOAP AND WATER. IN GEST: SEEK MEDICAL ATTENTION.

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Fire Fighting Measures  
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Flash Point Method:CC

Flash Point:250F,121C

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL OR FOAM TYPE EXTINGUISHERS.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT . COOL CONTAINERS EXPOSED TO FLAME WITH WATER.

Unusual Fire/Explosion Hazard:NONE

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Accidental Release Measures  
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Spill R

elease Procedures:SOAK MATERIAL UP BY USING SAND, OR VERMICULITE THEN SCOOP UP MATERIAL AND PLACE IN A CLOSED METAL WASTE CONTAINER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:STORE IN TIGHT FULL CONTAINERS, WELL SEALED, PROTECTED FROM LIGHT. KEEP AWAY FROM FOODSTUFFS AND BEVERAGES. DO NOT EXPOSE TO TEMPERATURES ABOVE 35C.

Other Precautions:EUGENOL DARKENS AND THICKENS UPON

EXPOSURE TO AIR.

OBSERVE NORMAL WAREHOUSING AND HANDLING PROCEDURES.

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

Respiratory Protection:AS WITH ALL MATERIALS AVOID CASUAL BREATHING OF VAPORS. NO SPECIAL RESPIRATORY PROTECTION REQUIRED FOR THE INTENDED USE OF THIS PRODUCT. NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONC ERN .

Ventilation:LOCAL EXHAUST.

Protective Gloves:CHEMICAL WORKERS GLOVES (RUBBER).

Eye Protection:CHEMICAL WORKERS GOGG  
LES .

Other Protective Equipment:NONE

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

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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

Boiling Pt:B.P. Text:491F,255C

Melt/Freeze Pt:M.P/F.P Text:15.8F,-9C

Vapor Pres:0.1 @ 20C

Spec Gravity:1.02

Solubility in Water:SLIGHTLY SOLUBLE

Appearance and Odor:COLORLESS OR PALE YELLOW LIQUID. ODOR IS OIL OF  
CLOVES.

===== Stabil

ity and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

FERRIC CHLORIDE, POTASSIUM PERMANGANATE.

Stability Condition to Avoid:EXCESSIVE HEAT, STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:FORMS CARBON MONOXIDE AND/OR CARBON  
DIOXIDE UPON BURNING.

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

Waste Disposal Methods:DISPOSE OF I/A/W ALL APPLICABLE FEDERAL, STATE  
AND LOCAL REGULATIONS.

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tion by the compiling agencies):

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