

CAULK/DENTSPLY -- 666005-TEMPORARY BRIDGE RESIN LIQUID -- 6520-01-162-2073

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Product Identification  
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Product ID:666005-TEMPORARY BRIDGE RESIN LIQUID

MSDS Date:08/17/1988

FSC:6520

NIIN:01-162-2073

Status Code:A

MSDS Number: BKTCV

=== Responsible Party ===

Company Name:CAULK/DENTSPLY

Address:LAKEVIEW AND CLARKE AVE

Box:359

City:MILFORD

State:DE

ZIP:19963-0359

Country:US

Info Phone Num:302-4

22-4511

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

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Composition/Information on Ingredients  
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Ingred Name:METHYL METHACRYLATE, (MONOMER)

CAS:80-62-6

RTECS #:OZ5075000

Other REC Limits:100 PPM

OSHA PEL:410 MG/CUM

ACGIH TLV:410 MG/CUM

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Na

me:HYDROQUINONE, 1,4-DIHYDROXYBENZENE, 1,4-BENZENEDIOL

CAS:123-31-9

RTECS #:MX3500000

OSHA PEL:2 MG/CUM

ACGIH TLV:2 MG/CUM

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

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

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

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

Health Hazards Acute and Chronic:SKIN: IRRITATION & ALLERGIC REACTION.

EYES: IRRITATION. CHRONIC EXPOSURE: LIVER & KIDNEY DAMAGE.

Explanation of Carcinogenicit

y:NONE

Effects of Overexposure:SKIN/EYES: REDDENING.

Medical Cond Aggravated by Exposure:SKIN RASHES

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

First Aid:INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING IS  
DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF BREATHING STOPS.

INGESTION: INDUCE VOMITING. EYES: FLUSH W/PLENTY OF WATER FOR 15  
MINS. SKIN: WASH W/SOAP & WATER. OBTAIN MEDICAL ATTENTION IN ALL  
CASES.

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===== Fire Fighting Measure

s =====

Flash Point Method:OC

Flash Point:50F, 10C

Lower Limits:2.1%

Upper Limits:12.5%

Extinguishing Media:FOAM, CO2, DRY CHEMICAL OR CARBON TETRACHLORIDE.

Fire Fighting Procedures:WATER MAY BE INEFFECTIVE UNLESS USED AS A FINE  
SPRAY OR FOG. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS OF  
METHYL METHACRYLATE. USE SCBA.

Unusual Fire/Explosion Hazard:VAPORS MAY TRAVEL TO IGNITION SOURCE &  
FLASH BACK. CLOSED CONTAINERS MAY RUPTURE EXPLOSIVELY.

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Accidental Release Measures =====

Spill Release Procedures:ELIMINATE IGNITION SOURCES. DIKE & ABSORB SPILL W/INERT MATERIAL (SAND, SODA, ASH, VERMICULITE) & TRANSFER TO CONTAINERS FOR DISPOSAL. USE NON-SPARKING TOOLS.

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

Handling and Storage Precautions:STORE AT AMBIENT TEMPERATURES OUT OF DIRECT SUNLIGHT. USE OLDER MATERIALS FIRST. USE ADEQUATE VENTILATION. KEEP CONTAINERS CLOSED.

Other Precautions

:KEEP AWAY FROM HEAT, SPARKS, & OPEN FLAME. AVOID BREATHING VAPORS & CONTACT W/SKIN.

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

Respiratory Protection:USE SELF-CONTAINED BREATHING APPARATUS DURING HIGH VAPOR CONCENTRATION.

Ventilation:LOCAL EXHAUST AT PROCESSING EQUIPMENT. MECHANICAL (GENERAL): IF NECESSARY DURING HANDLING.

Protective Gloves:IMPERVIOUS

Eye Protection:SPLASH-PROOF GOGGLES

Other Protective Equipment:IMPERVIOUS APRON, OVERSHOES

Work Hygienic P

ractices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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

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

Vapor Pres:29

Vapor Density:3.45

Spec Gravity:0.94

Evaporation Rate & Reference:(ETHER = 1): >1

Solubility in Water:SLIGHT

Appearance and Odor:WATER CLEAR LIQUID W/CHARACTERISTIC ACRYLIC ODOR

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

Stability Indicator/Materials to Avoi

d:YES

AMINES, REDUCING OR OXIDIZING AGENTS

Stability Condition to Avoid:ELEVATED TEMPERATURES, HEAT, SPARKS,  
DIRECT SUNLIGHT & OTHER IGNITION SOURCES.

Hazardous Decomposition Products:ACRID FUMES, CO, CO2

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

Waste Disposal Methods:INCINERATE UNDER CONTROLLED CONDITIONS IN A SAFE  
OPEN AREA, OR LANDFILL IN ACCORDANCE W/LOCAL, STATE, & FEDERAL  
REGULATIONS. BIOLOGICAL DEGRADATION IS ALSO POSSIBLE.

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