

LANG DENTAL MFG -- JET ACRYLIC LIQUID  
MATERIAL SAFETY DATA SHEET  
NSN: 6520001276894  
Manufacturer's CAGE: 21725  
Part No. Indicator: A  
Part Number/Trade Name: JET ACRYLIC LIQUID

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General Information  
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Company's Name: LANG DENTAL MFG CO INC  
Company's Street: 175 MESSNER DR  
Company's P. O. Box: 969  
Company's City: WHEELING  
Company's State: IL  
Company's Country: US  
Company's Zip Code: 60090  
Company's Emerg Ph #: 708-215-6622  
Company's Info Ph #: 708-215-6622  
Record No. For Safety Entry: 001  
Tot Safety Entries This Stk#: 002  
Status: KE  
Date MSDS Prepared: 01FEB91  
Safety Data Review Date: 09FEB94  
Preparer's Company: LANG DENTAL MFG CO INC  
Preparer's St Or P. O. Box: 175 MESSNER DR  
Preparer's City: WHEELING  
Preparer's State: IL  
Preparer's Zip Code: 60090  
MSDS Serial Number: BTCHR

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Ingredients/Identity Information  
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Proprietary: NO  
Ingredient: METHYL METHACRYLATE, (MONOMER)  
Ingredient Sequence Number: 01  
Percent: 99  
NIOSH (RTECS) Number: OZ5075000  
CAS Number: 80-62-6  
OSHA PEL: 410 MG/CUM  
ACGIH TLV: 410 MG/CUM  
Other Recommended Limit: 100 PPM

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Physical/Chemical Characteristics  
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Boiling Point: 214F  
Vapor Density (Air=1): 3.46  
Evaporation Rate And Ref: (BU AC = 1): 3  
Solubility In Water: 1.6 GM/100 GM  
Percent Volatiles By Volume: 100

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Fire and Explosion Hazard Data  
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Flash Point: 51F  
Flash Point Method: TCC  
Lower Explosive Limit: 1.8%  
Upper Explosive Limit: 8.2%  
Extinguishing Media: FOAM, CO2, DRY CHEMICAL, WATER FOG  
Special Fire Fighting Proc: WEAR FULL PROTECTIVE EQUIPMENT INCLUDING SCBA.  
WATER FROM FOG NOZZLES MAY BE USED TO PREVENT PRESSURE BUILDUP.  
Unusual Fire And Expl Hazrds: WHEN HEATED ABOVE FLASHPOINT, EMITS  
FLAMMABLE VAPORS WHICH, WHEN MIXED W/AIR CAN BURN/EXPLODE. VAPORS ARE >AIR  
& MAY TRAVEL TO IGNITION SOURCE. (SEE SUPPL.)

## Reactivity Data

Stability: YES  
Cond To Avoid (Stability): HEAT & OTHER IGNITION SOURCES  
Materials To Avoid: REDUCING & OXIDIZING AGENTS  
Hazardous Decomp Products: CO, CO2, SMOKE  
Hazardous Poly Occur: NO

## Health Hazard Data

Route Of Entry - Inhalation: YES  
Route Of Entry - Skin: YES  
Route Of Entry - Ingestion: NO  
Health Haz Acute And Chronic: INHALATION: NOSE & THROAT IRRITATION,  
NERVOUS SYSTEM DEPRESSION. EYES: IRRITATION, CORROSION & PERMANENT INJURY.  
SKIN: IRRITATION & DERMATITIS. METHYL METHACRYLATE MAY CAUSE IRRITATION OF  
THE MUCOUS MEMBRANES. MAY CAUSE ABNORMAL LIVER & KIDNEY FUNCTION.  
Carcinogenicity - NTP: NO  
Carcinogenicity - IARC: NO  
Carcinogenicity - OSHA: NO  
Explanation Carcinogenicity: NONE  
Signs/Symptoms Of Overexp: INHALATION: HEADACHE, DIZZINESS, NAUSEA,  
DISCOMFORT, ALLERGIC RASH, ITCHING, SWELLING.  
Emergency/First Aid Proc: INHALATION: REMOVE TO FRESH AIR. IF BREATHING  
STOPS, PREFERABLY MOUTH-TO-MOUTH. EYES: FLUSH W/PLENTY OF WATER FOR AT  
LEAST 15 MINS. SKIN: WASH W/SOAP & WATER. INGESTION: DON'T INDUCE VOMITING.  
IMMEDIATELY GIVE 2 GLASSES OF WATER OR ACTIVATED CHARCOAL SLURRY. NEVER  
GIVE ANYTHING BY MOUTH IF UNCONSCIOUS. OBTAIN MEDICAL ATTENTION IN ALL  
CASES.

## Precautions for Safe Handling and Use

Steps If Matl Released/Spill: VENTILATE AREA. REMOVE IGNITION SOURCES.  
CONFINED & REMOVE W/INERT ABSORBANT.  
Waste Disposal Method: DON'T ALLOW MATERIAL TO CONTAMINATE GROUND WATER  
SYSTEMS. INCINERATE IN FACILITY WHICH COMPLIES W/FEDERAL, STATE & LOCAL  
REGULATIONS. DON'T INCINERATE IN CLOSED CONTAINERS. EPA HAZARDOUS WASTE  
UNDER RCRA (U0162).  
Precautions-Handling/Storing: CLOSED CONTAINER AFTER EACH USE. GROUND  
CONTAINERS WHEN POURING.

## Control Measures

Respiratory Protection: WEAR SELF-CONTAINED BREATHING APPARATUS WHEN  
LEVELS EXCEED 100 PPM  
Ventilation: SUFFICIENT IN VOLUME & PATTERN TO KEEP CONTAMINANTS BELOW  
APPLICABLE EXPOSURE LIMITS  
Protective Gloves: NEOPRENE  
Eye Protection: GOGGLES, SAFETY GLASSES W/SIDE SHIELDS  
Other Protective Equipment: COVERALLS, BOOTS  
Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING & BEFORE EATING OR  
SMOKING.

## Transportation Data

## Disposal Data

## Label Data

Label Required: YES  
Technical Review Date: 09FEB94

Label Date: 04FEB94  
Label Status: F  
Common Name: JET ACRYLIC LIQUID  
Chronic Hazard: YES  
Signal Word: DANGER!  
Acute Health Hazard-Severe: X  
Contact Hazard-Slight: X  
Fire Hazard-Severe: X  
Reactivity Hazard-Slight: X  
Special Hazard Precautions: INHALATION: NOSE & THROAT IRRITATION, NERVOUS IRRITATION & DERMATITIS. METHYL METHACRYLATE MAY CAUSE IRRITATION OF THE MUCOUS MEMBRANES. MAY CAUSE ABNORMAL LIVER & KIDNEY FUNCTION. TARGET PROLONGED & REPEATED SKIN CONTACT MAY CAUSE IRRITATION/ DERMATITIS. TARGET ORGANS: SKIN.  
Protect Eye: Y  
Protect Skin: Y  
Protect Respiratory: Y  
Label Name: LANG DENTAL MFG CO INC  
Label Street: 175 MESSNER DR  
Label P.O. Box: 969  
Label City: WHEELING  
Label State: IL  
Label Zip Code: 60090  
Label Country: US  
Label Emergency Number: 708-215-6622  
Year Procured: UNK

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