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

General Information

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

Ingredients/Identity Information

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

Physical/Chemical Characteristics

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

Fire and Explosion Hazard Data

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 Hazards: 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 PASH, 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. CONFINE & 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: GOOGLES, 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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