

PYRAMID PLASTICS INC. -- MICROPEEL -- 8030-00-166-8808

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

Product ID:MICROPEEL

MSDS Date:08/19/1987

FSC:8030

NIIN:00-166-8808

MSDS Number: BGVZQ

=== Responsible Party ===

Company Name:PYRAMID PLASTICS INC.

Address:220 W. 5TH ST.

City:HOPE

State:AR

ZIP:71801-5212

Info Phone Num:501-777-3251

Emergency Phone Num:501-777-3251

CAGE:86675

=== Contractor Identification ===

Company Name:PYRAMID PLASTICS INC

Address:220 W 5TH ST

Box:City:HOPE

State:AR

ZIP:71801-5212

Country:US

CAGE:86675

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

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 70-75%

OSHA PEL:200 PPM/300 STEL

ACGIH TLV:200 PPM/300STEL 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:PROPYLENE OXIDE (SARA III)

CAS:75-56-9

RTECS #:TZ2975000

Fraction by Wt: 2%

OSHA PEL

:100 PPM
ACGIH TLV:20 PPM; 9293
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:VINYL RESIN
CAS:9010-76-8
Fraction by Wt: 18-22%

Ingred Name:CHROMIUM (III) OXIDE
CAS:1308-38-9
RTECS #:GB6475000
Fraction by Wt: 4%
OSHA PEL:0.5 MG/M3 (CR)
ACGIH TLV:0.5 MG/M3 (CR); 8990

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

LD50 LC50 Mixture:2737 MG/KG(LD50 ORAL/RAT)
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
H

Health Hazards Acute and Chronic:EYES: SEVERE IRRITATION AND BLURRED
VISION. SKIN: MODERATE IRRITATION AND DERMATITIS. SWALLOWED: NAUSEA
AND VOMITING. INHALATION: DIZZINESS, NAUSEA, AND POSSIBLE
UNCONSCIOUSNESS. PRE-EXISTING EYE, SKIN AND RESPIRATORY DISORDERS
MAY BE AGGRAVATED BY EXPOSURE TO PRODUCT.

Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS CHEMICAL
IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure:EYES: SEVERE IRRITATION AND BLURRED
VISION.

SKIN:MODERATE IRRITATION AND DERMATITIS. SWALLOWED: NAUSEA, AND
POSSIBLE UNCONSCIOUSNESS. PRE-EXISTING EYE, SKIN, AND RESPIRATORY
DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO PRODUCT.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF LIVER &
KIDNEY PROBLEMS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:INHALATION:REMOVE TO FRESH AIR. IF NOT BREATHING,GIVE CPR.
CALL A PHYSICIAN. SKIN

:WASH SKIN WITH SOAP AND WATER. REMOVE
CONTAMINATED CLOTHING. CALL A PHYSICIAN. EYE: IMMEDIATELY FLUSH
EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN.
INGESTION: DO NOT INDUCE VOMITING. IF CONSCIOUS, GIVE LARGE
QUANTITIES OF WATER TO DRINK. GIVE NOTHING BY MOUTH IF UNCONSCIOUS.
CALL A PHYSICIAN.

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

Flash Point Method:TCC
Flash Point:1F,-17C
Lower Limits:2
Upper Limits:10
Extinguishing Medi
a:CARBON DIOXIDE, ALCOHOL FOAM, DRY CHEMICAL.
Fire Fighting Procedures:EVACUATE AREA, WEAR FIRE FIGHTING PROTECTIVE
EQUIPMENT AND SCBA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:MATERIAL IS HIGHLY VOLATILE. VAPORS ARE
HEAVIER THAN AIR.

===== Accidental Release Measures =====

Spill Release Procedures:SMALL SPILL: ABSORB ON SAND OR OTHER
NON-COMBUSTIBLE ABSORBANT. PLACE IN DISPOSAL CONTAINER. LARGE
SPILL: EVACUATE ARE
A. VENTILATE AREA. ELIMINATE IGNITION SOURCES.
DIKE TO RETAIN SPILL. PICK UP FREE LIQUID WITH PUMP OR VACUUM.
ABSORB RESIDUE.
Neutralizing Agent:NONE RECOMMENDED.

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

Handling and Storage Precautions:STORE IN COOL, DRY AREA. KEEP CONTAINER
TIGHTLY CLOSED WHEN NOT IN USE. PROTECT FROM PHYSICAL DAMAGE. KEEP
AWAY FROM HEAT, FLAME OR SPARKS.
Other Precautions:NONE

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

Respiratory Protection:SELECT NIOSH/MSHA APPROVED RESPIRATOR BASED UPON
CONTAMINATION LEVELS FOUND IN THE WORK PLACE.
Ventilation:LOCAL AND MECHANICAL (GENERAL) VENTILATION AS REQUIRED TO
MAINTAIN VAPOR AND MIST CONCENTRATIONS BELOW PELS EST. BY OSHA
Protective Gloves:RUBBER (SOLVENT RESISTANT).
Eye Protection:SAFETY SPLASH GOGGLES.
Other Protective Equipment:EYE WASH STATION.
Work Hygienic Practices:WASH THOROUGHLY AFTER USE AND BEFORE EATING,
DRINKING OR SMOKING. LAUND

ER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

NONE.

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

HCC:F2

Boiling Pt.=71.1C, 160.F

Vapor Pres:70 (MEK)

Vapor Density:3

Spec Gravity:0.96

Evaporation Rate & Reference:4 (BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:GREEN LIQUID, FRAGRANT, MINT-LIKE, MODERATELY SHARP
ODOR.

Percent Volatiles by Volume:90

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

S

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HIGH HEAT.

Hazardous Decomposition Products:DURING COMBUSTION, CARBON MONOXIDE,
CARBON DIOXIDE AND UNIDENTIFIED TOXIC FUMES AND/OR VAPORS.

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH ALL APPLICABLE
FEDERAL, STATE AND LOCAL REGULATIONS AND LAWS. INCINERATION
RECOMMENDED.

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.