

HUMISEAL DIV, COLUMBIA TECHNICAL CORP -- HUMISEAL 1B12 -- 5970-00-256-9507

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

Product ID:HUMISEAL 1B12

MSDS Date:10/06/1989

FSC:5970

NIIN:00-256-9507

MSDS Number: BDPHC

=== Responsible Party ===

Company Name:HUMISEAL DIV, COLUMBIA TECHNICAL CORP

Address:26-60 BROOKLYN QUEENS EXPRESSWAY WEST

Box:445

City:WOODSIDE

State:NY

ZIP:11377-0445

Country:US

Info Phone Num:718-

932-0800

Emergency Phone Num:718-932-0800

CAGE:KO905

=== Contractor Identification ===

Company Name:HUMISEAL DIV, COLUMBIA TECHNICAL CORP

Address:26-60 BROOKLYN QUEENS EXPRESSWAY WEST

Box:445

City:WOODSIDE

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ZIP:11377-0445

Country:US

Phone:718-932-0800

CAGE:KO905

Company Name:HUMISEAL DIVISION/CHASE CORPORATION

Address:26-60 BROOKLYN QUEENS EXPRESSWAY WEST

Box:City:WOODSIDE

State:NY

ZIP:11377

Country:US

Phone:718-932-0800

CAGE:99109

===== Composition/Information on Ingredients

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Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 51-62%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 23-29%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/300 STEL
ACGIH TLV:200 PPM/300STEL 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ACRYLIC POLYMER
, PROPRIETARY
Fraction by Wt: 19-25%
Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:NO INFORMATION GIVEN ON MSDS BY SUPPLIER
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:NO INFORMATION GIVEN ON MSDS BY
SUPPLIER
Explanation of Carcinogenicity:THE PRODUCT CONTAINS NO INGREDIENT THAT
IS LISTED BY IARC, NTP OR OSHA AS A CAR
CINOGEN.
Effects of Overexposure:SKIN IRRITATION, REDNESS, BLURRED VISION,
EDEMA, DIZZINESS, FATIGUE, NAUSEA, VOMITING, UNCONSCIOUSNESS,
NOSEBLEEDS.
Medical Cond Aggravated by Exposure:NO INFORMATION GIVEN ON MSDS BY
SUPPLIER

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

First Aid:CONSULT A PHYSICIAN IMMEDIATELY; WASH SKIN WITH SOAP AND
WATER. FLUSH EYES WITH WATER. INGESTION: 2 GLASSES OF WATER IF
CONSCIOUS.

===== Fire Fighting Meas

ures =====

Flash Point Method:TCC

Flash Point:30.0F,-1.1C

Lower Limits:1.2

Upper Limits:11.5

Extinguishing Media:FOAM, CARBON DIOXIDE & DRY CHEMICAL

Fire Fighting Procedures:FIGHT AS A FLAMMABLE LIQUID FIRE. WEAR
SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND MAY
TRAVEL ALONG GROUND OR FLOOR, THEN 'FLASH BACK' FROM A DISTANT
IGNITION SOURCE.

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

Spil

I Release Procedures:ABSORB WITH INERT MATERIAL (SAND, VERMICULITE
ETC). LARGE SPILLS MAY BE SCOOPED UP WITH NON-SPARKING TOOLS.
REMOVE SOURCES OF IGNITION. PROVIDE VENTILATION &/OR RESPIRATORY
PROTECTION

Neutralizing Agent:NO INFORMATION GIVEN ON MSDS BY SUPPLIER

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS AND OPEN
FLAME. STORE AT AMBIENT TEMPERATURE. GROUND TO PROTECT FROM STTIC
DISCHARGE

.
Other Precautions:KEEP CONTAINER CLOSED. USE ADEQUATE VENTILATION.
AVOID CONTACT WITH EYES, SKIN AND CLOTHING.

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

Respiratory Protection:RESPIRATOR-ORGANIC VAPOR IF TLV IS EXCEEDED.

Ventilation:LOCAL EXHAUST-YES. MECHANICAL-EXPLOSION PROOF.

Protective Gloves:IMPERVIOUS TO CHEMICALS & PETROLEUM

Eye Protection:CHEMICAL TYPE GOGGLES

Other Protective Equipment:PREVENT CONTACT TO WORKERS AS REQUIRED

Work Hygienic Practices:NO I

NFORMATION GIVEN ON MSDS BY SUPPLIER

Supplemental Safety and Health

NONE

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

HCC:F2

Boiling Pt:=79.4C, 175.F

Vapor Pres:70 MM

Vapor Density:2.5

Spec Gravity:0.88

Evaporation Rate & Reference:3.9 (N-BUTYL ACETATE = 1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:WATER CLEAR. LOW VISCOSITY LIQUID, AROMATIC ODOR

Percent Volatiles by Volume:78-82

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

Stabilit

y Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:MFR SAID "NOT APPLICABLE" IN THIS FIELD.

Hazardous Decomposition Products:CARBON MONOXIDE & CARBON DIOXIDE

Conditions to Avoid Polymerization:MFR SAID "NOT APPLICABLE" IN THIS FIELD.

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

Waste Disposal Methods:DISPOSAL OF HUMISEAL PRODUCTS REQUIRES STRICT COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS PERTAINING TO DISPOSING HAZARDOUS WASTE MATERIALS. CONTACT THE APPROPRIATE AUTHORITIES.

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