

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

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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 OF HAZARDOUS WASTE MATERIALS. CONTACT THE APPROPRIATE AUTHORITIES.

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