

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

State:NY

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

=====

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 POLYME
R, 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 CA
RCINOGEN.
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 Mea

sures =====

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 =====

Spi

II 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
DISCHARG

E.

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

INFORMATION 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 =====

Stabili

ty 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.

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.