

MANVILLE FIBER GLASS GROUP -- MICROLITE - PLAIN -- 1560-00N022515

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

Product ID:MICROLITE - PLAIN
MSDS Date:10/05/1987
FSC:1560
NIIN:00N022515
MSDS Number: BLVTY
=== Responsible Party ===
Company Name:MANVILLE FIBER GLASS GROUP
Box:5108
City:DENVER
State:CO
ZIP:80217
Country:US
Info Phone Num:303-978-3120
Emergency Phone Num:303-978-3120
Preparer's Name:KENNETH A ROBERTS
CAGE:MANVI

=== Contractor Identification ===
Company Name:MANVILLE FIBER GLASS GROUP
Box:5108
City:DENVER
State:CO
ZIP:80217
Country:US
Phone:(303) 978-4900
CAGE:MANVI
Company Name:SCHULLER INTERNATIONAL INC.
Address:Box:5108
City:DENVER
State:CO
ZIP:80217-5108
Country:US
Phone:303-978-4900
CAGE:75165

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

Ingred Name:FIBROUS GLASS
CAS:65997-17-3
Fraction by Wt: 91%
OSHA PEL:5 MG/M3 RDUST
ACGIH TLV:10 MG/M3 TDUST

Ingred Name:UREA EXTENDED PHENOL-FORMALDEHYDE RESIN CURED
CAS:25104-55-6
Fraction by Wt: 9%

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: PROD IS MECH IRRIT TO
SKIN/EYES/UPPER RESP SYS. CHRONIC: WHEN COMBINING THE RSLTS OF 3
INT'L MORTALITY STUDIES OF FIBER GLASS MFG WORKERS, NO
STATISTICALLY SIGNIFICANT INCREASED RISKS FOR MALIG NANT OR
NONMALIGNANT RESP DISEASE ARE FOUND. STUDIES ON LAB ANIMALS FALL
INTO 2 CATEGORIES: ANIMALS WHICH (SUPDAT)
Explanation of Carcinogenicity:NOT RELEVANT
Effects of Overexposure:INHAL: IRRITATION OR SORENESS IN THROAT & NOSE.
IN EXTREME EXPOSURES SOME CONGESTION MAY OCCUR. SKIN CONT:

TEMPORARY IRRITATION OR RASH. SKIN ABSORPTION: NOT APPLICABLE.
 INGEST: NOT HAZ WHEN INGESTED. MAY CAUSE TEMPORARY IRRITATION TO
 GI TRACT. EYES: TEMPORARY IRRITATION OR INFLAMMATION.

Medical Cond Aggravated by Exposure:AS WITH ANY DUST, PRE-EXISTING
 UPPER RESPIRATORY AND LUNG DISEASES MAY BE AGGRAVATED.

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

First Aid:INHAL: REMOVE TO FRESH AIR. DRINK WATER TO CLEAR THROAT &
 BLOW NOSE TO EVACUATE FIBERS. SKIN CONTACT: WASH AFFECTED AREAS
 GENTLY W/SOAP & WARM WATER. SKIN ABSORPTION: NOT APPLICABLE.
 INGEST: CALL MD I MEDIATELY . EYES: FLUSH W/COPIOUS QUANTITIES OF
 WATER FOR A MINIMUM OF 15 MINUTES. IF IRRITATION PERSISTS, CONSULT
 AN MD.

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

Extinguishing Media:CO*2, WATER, WATER FOG, DRY CHEMICAL ABC RATED.
 Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL
 PROTECTIVE EQUIPMENT .
 Unusual Fire/Explosion Hazard:RESIN AND PAPER OR PLASTIC FACINGS WILL
 BURN CAUSING DENSE ACRID SMOKE.

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

Spill Release Procedures:PICK UP PIECES. VACUUM CLEAN DUSTS. IF
 SWEEPING IS NECESSARY, USE A DUST SUPPRESSANT.
 Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP MATERIAL DRY. USE ADEQUATE
 VENTILATION TO KEEP DUST LEVEL TO BELOW PEL/TLV/WEG (WORKPLACE
 EXPOSURE GUIDELINE).
 Other Precautions:FOR ADDL INFO, REFER TO MFR'S BULLETING HSE-64C,
 9/87, AVAILABLE FROM HLTH SAFETY & ENVIRONMENTAL DEPT.

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

Respiratory Protection:<10 F/CC, USE NIOSH/MSHA APPRVD 3M 9900; <50
 F/CC, USE NIOSH/MSHA APPRVD MSA ULTRA-TWIN W/ H FILTER OR
 EQUIVALENTS. FOR SPECIFIC RESPIRATOR RECOMMENDATIONS, SEE MFR'S
 BULLETING HSE-64C.
 Ventilation:USE SUFFICIENT NATURAL OR MECHANICAL VENTILATION TO KEEP
 DUST LEVEL TO BELOW PEL/TLV/WEG.
 Protective Gloves:IMPERVIOUS GLOVES .
 Eye Protection:CHEMICAL WORKERS GOGGLES .
 Other Protective Equipment:WEAR LOOSE FITTING, LONG SLEEVED CLOTHING.
 Work Hygienic Practices:WASH EXPOSED AREAS W/SOAP & WARM WATER AFTER
 HNDLG. WASH WORK CLTHS SEPARATELY FROM OTHER CLTHG. RINSE WASHER
 THORO.
 Supplemental Safety and Health
 HAZ DECOM PROD: DECOMP OF ANY ORGANIC CHEM. HLTH HAZ: BREATHED HIGH
 CONCS SHOWED NO DISEASE, WHILE SOME EXPOSED THRU ARTF MEANS (E.G.,
 IMPLANTATION) HAVE DEVELOPED CANCER.

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

Melt/Freeze Pt:M.P/F.P Text:>1300F
 Spec Gravity:VAR
 Solubility in Water:NIL
 Appearance and Odor:FIBER GLASS MAT - SLIGHT PHENOLIC ODOR.
 Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid: YES

HYDROFLUORIC ACID.

Stability Condition to Avoid: NONE IN DESIGNED USE.

Hazardous Decomposition Products: CO*2, CO, CARBON PARTICULATE & TRACES
OF HYDROGEN CYANIDE DERIVED FROM PYROLYSIS OF THE RESIN AS IS
TYPICAL OF (SUPDAT)

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

Waste Disposal Methods: WASTES ARE NOT HAZARDOUS AS DEFINED BY RCRA (40
CFR PART 261). COMPLY WITH FEDERAL, STATE & LOCAL REGULATIONS.
METHOD OF DISPOSAL: LANDFILL.

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.