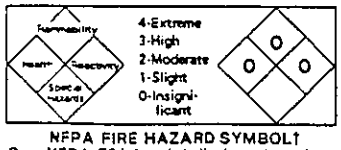

NFPA FIRE HAZARD SYMBOL†
See NFPA 704 for detailed explanation.

MATERIAL SAFETY DATA SHEET

No.: 3531 Rev. No.: 2
Date Revised: 04/09/85

Manville

I. PRODUCT IDENTIFICATION

Trade Name(s) : MICROLITE - PLAIN
Generic Name: FIBROUS GLASS INSULATION - fibrous glass
Chemical Name: NA

CAS #: NA
Formula: MIXTURE

Manufacturer: MANVILLE BUILDING MATERIALS CORP.
Address: P.O. BOX 5108
City: DENVER State: CO Zip: 80217

Telephone: (303)978-3120
Emergency:

II. PRODUCT INGREDIENTS

INGREDIENT NAME	CAS NUMBER	%	PERMISSIBLE EXPOSURE LIMIT
FIBROUS GLASS	65997-17-3	91	5mg/m³ - NUISANCE
PHENOLFORMALDEHYDE RESIN-CURED	25104-55-6	9	RESPIRABLE DUST (OSHA)

III. PHYSICAL DATA

Appearance and Odor: FIBER GLASS MAT - SLIGHT PHENOLIC ODOR.

Boiling Point: NA
Vapor Pressure: NA
Water Solubility (%) : NIL
Vapor Density (Air=1) : NA

Evaporation Rate (= 1) : NA
Specific Gravity (water = 1) : VAR
Melting Point: >1300° F
% Volatile by Volume: NA

IV. FIRE AND EXPLOSION DATA

Flash Point (Method) : NA
Flammable Limits: LEL: % UEL: NA %
Extinguishing Media: CO_2, WATER, WATER FOG, DRY CHEMICAL ABC RATED.
Unusual Fire or Explosion Hazards: RESIN AND PAPER OR PLASTIC FACINGS WILL BURN CAUSING DENSE ACRID SMOKE.

NFPA Flammable/Combustible Liquid Classification: NA
Auto-Ignition Temperature: NA

Special Fire-Fighting Procedures: USE SELF-CONTAINED BREATHING APPARATUS.

V. HEALTH HAZARDS A. Summary/Risks

Summary: CURRENT ANIMAL AND EPIDEMIOLOGICAL STUDIES INDICATE THAT GLASS FIBERS AND DUST DO NOT REPRESENT A HAZARD TO HEALTH.

THIS PRODUCT IS NOT CONSIDERED A CARCINOGEN.

Medical conditions which may be aggravated PRE-EXISTING UPPER RESPIRATORY AND LUNG DISEASES SUCH AS, BUT NOT LIMITED TO, BRONCHITIS, EMPHYSEMA AND ASTHMA.
Target Organs: LUNGS & SKIN.
Acute Health Effects: IRRITATION TO SKIN AND UPPER RESPIRATORY SYSTEM.

Chronic Health Effects: NO LONG TERM EFFECTS HAVE BEEN IDENTIFIED.

Primary Entry Route(s) : INHALATION, SKIN CONTACT.

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C.E.P. - Mechanical Maint - office

V. HEALTH HAZARDS B. Signs/Symptoms of Overexposure

Inhalation: IRRITATION OR TICKLE IN THROAT AND NOSE.

Skin Contact: TEMPORARY IRRITATION OR RASH.

Skin Absorption: NA

Ingestion: NOT HAZARDOUS WHEN INGESTED. MAY CAUSE TEMPORARY IRRITATION TO GI TRACT.

Eyes: TEMPORARY IRRITATION OR INFLAMMATION.

V. HEALTH HAZARDS C. First Aid/Emergency Procedures

Inhalation: REMOVE TO FRESH AIR. DRINK WATER TO CLEAR THROAT AND BLOW NOSE.

Skin Contact: WASH EXPOSED AREAS GENTLY WITH SOAP AND WARM WATER.

Skin Absorption: NA

Ingestion: NA

Eyes: FLUSH EYES WITH COPIOUS QUANTITIES OF WATER A MINIMUM OF 15 MINUTES. IF IRRITATION PERSISTS CONSULT A PHYSICIAN.

VI. REACTIVITY DATA

MATERIAL IS STABLE. HAZARDOUS POLYMERIZATION CANNOT OCCUR.
Chemical Incompatibilities: HYDROFLUORIC ACID.
Conditions to Avoid: NONE IN DESIGNED USE.

Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE, CARBON PARTICULATE & TRACES OF HYDROGEN CYANIDE DERIVED FROM PYROLYSIS OF THE RESIN AS IS TYPICAL OF DECOMPOSITION OF ANY ORGANIC CHEMICAL.

VII. SPILL OR LEAK PROCEDURES

Procedures for Spill/Leak: VACUUM CLEAN DUST. IF SWEEPING IS NECESSARY USE A DUST SUPPRESSANT.

Waste Management: WASTES GENERATED DURING APPLICATION, DEMOLITION, BREAKAGE OR SPILLAGE ARE NOT HAZARDOUS WASTES AS DEFINED BY RCRA (40 CFR PART 261). COMPLY WITH FEDERAL, STATE AND LOCAL REGULATIONS. METHOD OF DISPOSAL-LANDFILL. RQ - N/A.

VIII. SPECIAL PROTECTION INFORMATION

Goggles: GOGGLES OR FACE SHIELDS ARE RECOMMENDED PARTICULARLY WHEN WORKING OVERHEAD.
Gloves:
Respirator: USE A MASK SUCH AS 3M 8710 OR EQUIVALENT FOR PROTECTION AGAINST NUISANCE DUST. INSURE PROPER FIT.
Ventilation: USE SUFFICIENT NATURAL OR MECHANICAL VENTILATION TO MAINTAIN AIRBORNE CONCENTRATIONS BELOW PEL (TLV).
Other: WEAR LOOSE FITTING, LONG SLEEVED CLOTHING.

Special Considerations for repair/maintenance of contaminated equipment:

IX. SPECIAL PRECAUTIONS

Storage Segregation Hazard Classes: IRRITANT
*** ALWAYS SEGREGATE MATERIALS BY MAJOR HAZARD CLASS ***
Special Handling/Storage: KEEP MATERIAL DRY

Special Workplace Engineering Controls: NOT NORMALLY REQUIRED.

Other:

Prepared/Revised by: KENNETH A. ROBERTS **Title:** MGR., ENVIRONMENTAL SERVICES

As of the date of preparation of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable federal and state laws(s). However, no warranty or representation with respect to such information is intended or given.