

ROCK WOOL MFG -- DELTA MINERAL WOOL LAMELLA, ALL DENSITIES
MATERIAL SAFETY DATA SHEET
ROCK WOOL MFGNSN: 564000N026360
Manufacturer's CAGE: 15270
Part No. Indicator: A
Part Number/Trade Name: DELTA MINERAL WOOL LAMELLA, ALL DENSITIES

=====
General Information
=====

Company's Name: ROCK WOOL MFG CO
Company's Street: 203 NORTH 7TH STREET
Company's P. O. Box: 506
Company's City: LEEDS
Company's State: AL
Company's Country: US
Company's Zip Code: 35094-0506
Company's Emerg Ph #: 205-699-6121 OR 205-699-6124
Company's Info Ph #: 205-699-6121
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SMJ
Date MSDS Prepared: 01DEC88
Safety Data Review Date: 18FEB92
MSDS Serial Number: BNCTN
Hazard Characteristic Code: N1

=====
Ingredients/Identity Information
=====

Proprietary: NO
Ingredient: MINERAL WOOL; (MINERAL WOOL FIBERS)
Ingredient Sequence Number: 01
Percent: 97-99
NIOSH (RTECS) Number: PY8070000
OSHA PEL: 15 MG/M3;5 RESP(MFR)
ACGIH TLV: 10 MG/M3
Other Recommended Limit: 3 F/CC (NIOSH)

Proprietary: NO
Ingredient: UREA EXTENDED PHENOL-FORMALDEHYDE RESIN CURED; (UREA, POLYMER WITH FORMALDEHYDE & PHENOL)
Ingredient Sequence Number: 02
Percent: 0.5-3
NIOSH (RTECS) Number: 1003745UR
CAS Number: 25104-55-6
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Proprietary: NO
Ingredient: ELASTOMER; (STYRENE BUTADIENE ELASTOMER) (GLUE) (ON FACED PRODUCTS ONLY, IN ADHESIVE ONLY)
Ingredient Sequence Number: 03
Percent: <2
NIOSH (RTECS) Number: 1005028EL
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

=====
Physical/Chemical Characteristics
=====

=====

Appearance And Odor: YELLOWISH IN COLOR. NO APPRECIABLE ODOR. SOME PROD
HAVE ALUMINUM (SUPDAT)
Boiling Point: N/A
Melting Point: 2000F,1093C
Vapor Pressure (MM Hg/70 F): N/A
Vapor Density (Air=1): N/A
Specific Gravity: VARIABLE
Evaporation Rate And Ref: NOT APPLICABLE
Solubility In Water: NONE
Percent Volatiles By Volume: N/A

=====

Fire and Explosion Hazard Data

=====

Flash Point: INCOMBUSTIBLE
Lower Explosive Limit: N/A
Upper Explosive Limit: N/A
Extinguishing Media: WATER, FOAM, DRY CHEMICAL, CARBON DIOXIDE.
Special Fire Fighting Proc: WEAR NIOSH/MSHA APPROVED SCBA AND FULL
PROTECTIVE EQUIPMENT (FP N).
Unusual Fire And Expl Hazrds: PAPER & FOIL FACINGS OF SOME PROD CAN BURN.
SPECIAL CARE SHOULD BE TAKEN WHEN WORKING CLOSE TO FACING W/ANY TYPE FO
OPEN FLAME. RESIN WILL PYROLYZE AT (SUPDAT)

=====

Reactivity Data

=====

Stability: YES
Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER.
Materials To Avoid: NONE
Hazardous Decomp Products: FACING & BINDER (RESIN) BURNS/DECOMP IN FIRE
CAUSING ACRID SMOKE. DECOMP PROD ARE CO, CO*2, CARBON PARTICULATES, H*2O.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT RELEVANT

=====

Health Hazard Data

=====

LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: NO
Route Of Entry - Ingestion: NO
Health Haz Acute And Chronic: ACUTE:INHAL:RELEASE OF MINERAL FIBERS DURING
NORMAL HANDLING MAY CAUSE SHORT TERM IRRIT TO NOSE AND/OR THROAT. SKIN:MAY
DIRECT CONTACT WILL CAUSE MECHANICAL IRRITATION. INGEST:UNLIKELY TO OCCUR.
OBSERVE INDIVIDUAL; IF SYMPTOMS (EFTS OF OVEREXPOS)
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: YES
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: MINERAL WOOL:CLASS 2B (IARC).
MINERAL WOOL FIBERS, BASED ON LIMITED EVIDENCE, IARC ASSIGNS GROUP 2B,
POSSIBLY CARCINOGEN TO HUMANS.
Med Cond Aggravated By Exp: PRE-EXISTING UPPER RESPIRATORY AND LUNG
DISEASE MAY BE AGGRAVATED BY DUST. PRODUCT IS A MECHANICAL IRRITANT FOR
SKIN, EYES, AND UPPER RESPIRATORY SYSTEM.
Emergency/First Aid Proc: INHAL:REMOVE FROM EXPOS. DRINK WATER TO CLEAR
THROAT & BLOW NOSE TO EVACUATE FIBERS. SKIN:FREQUENT WASHING OF SKIN SURF
W/WATER TO REMOVE ACCUMULATED FIBERS WILL MIN IRRIT. IF IRRIT PERSISTS
CONSULT MD. TREAT AS A MECHANICAL IRRIT. EYE:FLUSH W/FLOWING WATER UNTIL

IRRIT STOPS (AT LEAST 15 MIN). IF SYMPT PERSIST, SEEK MD ATTN. INGEST:IMMED
CALL MD (FP N).

=====

Precautions for Safe Handling and Use

=====

Steps If Matl Released/Spill: NORMAL CLEAN-UP PROCEDURES. AVOID CREATING
DUST.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: MINERAL WOOL FIBER PRODUCTS ARE GENERALLY
CLASSIFIED AS A NONHAZARDOUS WASTE AND DISPOSAL MAY BE IN LAND FILL FOR
NONCRITICAL MATERIALS. LOCAL, STATE AND FEDERAL REGULATIONS SHOULD BE
CONSULTED.

Precautions-Handling/Storing: KEEP MATL UNDER COVER, DRY & MIN GENERATION
OF DUST. CARE SHOULD BE TAKEN TO PROTECT FACED PROD FROM OPEN FLAME & OTHER
SOURCES OF IGNITION.

Other Precautions: TAKE CARE TO PROTECT HANDS WHEN HANDLING METAL MESH
FACINGS W/SHARP EDGES. DURING INITIAL HEAT-UP OF HIGH TEMP INSULATION PROD
>500F, AN ACRID ODOR & SOME SMOKE MAY BE GIVEN OFF. IF PERSONNEL ARE
PRESENT, ADJACENT AREA MUST BE WELL VENT.

=====

Control Measures

=====

Respiratory Protection: USE A MASK DESIGNED FOR NUISANCE DUSTS SUCH AS
NIOSH/MSHA APPROVED 3M MODEL 9900, MODEL 8710 OR ITS EQUIVALENT.

Ventilation: USE SUFFICIENT NATURAL OR MECHANICAL VENTILATION TO MAINTAIN
AIRBORNE CONCENTRATION BELOW TLV.

Protective Gloves: IMPERVIOUS GLOVES (FP N).

Eye Protection: CHEM WORK GOGG/FULL LENGTH FCSHLD(FP N).

Other Protective Equipment: WEAR LONG SLEEVED, LOOSE FITTING CLOTHING &
HEAD COVERING.

Work Hygienic Practices: WASH WORK CLTHS SEP FROM OTHER CLTHG TO PREV POSS
MINERAL WOOL FIBER MIGRATION TO OTHER CLTHS. RINSE WASHER AFTER USE.

Suppl. Safety & Health Data: APPEAR/ODOR:FOIL, WHITE KRAFT PAPER, GLASS
MAT OR METAL MESH FACING. EXPLOS HAZ:SUSTAINED TEMPERATURES ABOVE 500F.

=====

Transportation Data

=====

Trans Data Review Date: 93063

DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

AFI PSN Code: ZZZ

AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

Additional Trans Data: NOT REGULATED FOR TRANSPORTATION

=====

Disposal Data

=====

=====

Label Data

=====

Label Required: YES

Technical Review Date: 18FEB92

Label Date: 12FEB92

Label Status: G

Common Name: DELTA MINERAL WOOL LAMELLA, ALL DENSITIES
Chronic Hazard: YES
Signal Word: CAUTION!
Acute Health Hazard-Slight: X
Contact Hazard-Slight: X
Fire Hazard-Slight: X
Reactivity Hazard-None: X
Special Hazard Precautions: INCOMBUSTIBLE, BUT BACKING OR RESIN CAN BURN.
ACUTE:MAY CAUSE NOSE/THROAT IRRITATION, TEMPORARY DERMATITIS, MECHANICAL
EYE IRRITATION. CHRONIC:CANCER HAZARD. MINERAL WOOL FIBER IS LISTED AS A
CARCINOGEN.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: ROCK WOOL MFG CO
Label Street: 203 NORTH 7TH STREET
Label P.O. Box: 506
Label City: LEEDS
Label State: AL
Label Zip Code: 35094-0506
Label Country: US
Label Emergency Number: 205-699-6121 OR 205-699-6124