

W R BONSAI -- SURFACE BONDING CEMENT
MATERIAL SAFETY DATA SHEET
NSN: 804000N028563
Manufacturer's CAGE: 3R363
Part No. Indicator: A
Part Number/Trade Name: SURFACE BONDING CEMENT

General Information

Company's Name: W R BONSAI CO
Company's P. O. Box: 241148
Company's City: CHARLOTTE
Company's State: NC
Company's Country: US
Company's Zip Code: 28224
Company's Emerg Ph #: 704-525-1621
Company's Info Ph #: 704-525-1621
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SMJ
Date MSDS Prepared: 01JUN91
Safety Data Review Date: 28AUG95
MSDS Preparer's Name: FRED GOEMAN
Preparer's Company: SAME
MSDS Serial Number: BMYCY
Hazard Characteristic Code: N1

Ingredients/Identity Information

Proprietary: NO
Ingredient: SILICATE, PORTLAND CEMENT; (PORTLAND CEMENT)
Ingredient Sequence Number: 01
Percent: <50
NIOSH (RTECS) Number: VV8770000
CAS Number: 65997-15-1
OSHA PEL: 15 MG/M3 TDUST
ACGIH TLV: 10 MG/M3 TDUST; 9293
Other Recommended Limit: 30 MP/M3

Proprietary: NO
Ingredient: STEARIC ACID, CALCIUM SALT; (METALLIC STEARATE) (TLV GIVEN AS STEARATES)
Ingredient Sequence Number: 02
Percent: <1
NIOSH (RTECS) Number: WI3000000
CAS Number: 1592-23-0
OSHA PEL: NOT APPLICABLE
ACGIH TLV: 10 MG/M3

Proprietary: NO
Ingredient: CALCIUM OXIDE; (LIME - MFR CAS 1305-52-0)
Ingredient Sequence Number: 03
Percent: <10
NIOSH (RTECS) Number: EW3100000
CAS Number: 1305-78-8
OSHA PEL: NOT APPLICABLE

ACGIH TLV: 5 MG/M3

Proprietary: NO
Ingredient: CELLULOSE ETHER
Ingredient Sequence Number: 04
Percent: <1
NIOSH (RTECS) Number: 1006617CE
CAS Number: 9004-58-4
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: SILICA, CRYSTALLINE - QUARTZ; (SILICA SAND)
Ingredient Sequence Number: 05
Percent: <60
NIOSH (RTECS) Number: VV7330000
CAS Number: 14808-60-7
OSHA PEL: SEE TABLE Z3
ACGIH TLV: 0.1 MG/M3 RDUST;9293

Proprietary: NO
Ingredient: FIBROUS GLASS; (GLASS FILAMENTS - MFR CAS #SEQ-75-6)
Ingredient Sequence Number: 06
Percent: <5
NIOSH (RTECS) Number: LK3651000
OSHA PEL: NOT APPLICABLE
ACGIH TLV: 10 MG/M3
=====

Physical/Chemical Characteristics

=====

Appearance And Odor: FINE POWDER WITH SAND AND FIBERS. MAY CONTAIN COLORANT.
Boiling Point: N/A
Vapor Pressure (MM Hg/70 F): N/A
Vapor Density (Air=1): N/A
Specific Gravity: N/A
Evaporation Rate And Ref: NOT APPLICABLE
Solubility In Water: INSOLUBLE
Percent Volatiles By Volume: N/A
=====

Fire and Explosion Hazard Data

=====

Flash Point: NOT APPLICABLE
Lower Explosive Limit: N/A
Upper Explosive Limit: N/A
Extinguishing Media: USE MEDIA SUITABLE FOR SURROUNDING FIRE (FP N).
Special Fire Fighting Proc: WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N).
Unusual Fire And Expl Hazrds: HAZARDOUS ONLY WHEN PRESENT AS A DUST. DUST EXPLOSIONS CAN OCCUR.
=====

Reactivity Data

=====

Stability: YES
Cond To Avoid (Stability): NOT APPLICABLE.
Materials To Avoid: HIGHLY ALKALINE. STRONG ACIDS MAY CAUSE VIOLENT,
=====

EXOTHERMIC REACTION, EVOLVE TOXIC GASES/VAPORS, DEPENDING ON TYPE ACID.
Hazardous Decomp Products: NOT APPLICABLE.
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: EXCESS EXPOSURE BY INHALATION OVER AN EXTENDED PERIOD OF TIME MAY RESULT IN THE DEVELOPMENT OF PULMONARY DISEASES INCLUDING PNEUMOCONIOSIS AND SILICOSIS. PROLONGED CONTACT CAN PRODUCE SKIN IRRITATION AND DERMATITIS. ABRASIVE, SKIN AND EYE IRRITANT.
Carcinogenicity - NTP: YES
Carcinogenicity - IARC: YES
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: CRYSTALLINE SILICA: IARC GROUP 2A, NTP GROUP 2.
Signs/Symptoms Of Overexp: SEE HEALTH HAZARDS.
Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.
Emergency/First Aid Proc: INHAL: REMOVE FROM EXPOSURE. IF NOT BREATHING, GIVE ARTF RESP, IF BREATHING DIFFICULT, GIVE OXYGEN, CONSULT MD. EYE: FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. CONSULT MD. SKIN: WASH THOROUGHLY WITH SOAP AND WATER. INGEST: CALL MD IMMEDIATELY (FP N).

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: USE PERSONAL PROTECTIVE EQUIPMENT TO PREVENT DUST EXPOSURE & PROTECT AGAINST ALKALI BURNS OR IRRITATION.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.
Precautions-Handling/Storing: STORE IN MANNER TO PREVENT CONTACT WITH STRONG ACIDS. AVOID CONTACT WITH WATER TO PRESERVE PRODUCT.
Other Precautions: NONE

Control Measures

Respiratory Protection: NIOSH/MSHA APPROVED RESPIRATOR FOR PROTECTION AGAINST SILICA AND NUISANCE DUST.
Ventilation: LOCAL EXHAUST RECOMMENDED.
Protective Gloves: RUBBER, PVC, NEOPRENE.
Eye Protection: CHEMICAL WORKERS GOGGLES (FP N).
Other Protective Equipment: RUBBER BOOTS, ARM SLEEVES AND APRONS WHEN NECESSARY TO PREVENT SKIN CONTACT.
Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.
Suppl. Safety & Health Data: NONE SPECIFIED BY MANUFACTURER.

Transportation Data

Trans Data Review Date: 93056
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: 23MAR92
Label Date: 23MAR92
Label Status: G
Common Name: SURFACE BONDING CEMENT
Chronic Hazard: YES
Signal Word: WARNING!
Acute Health Hazard-Slight: X
Contact Hazard-Moderate: X
Fire Hazard-Slight: X
Reactivity Hazard-Slight: X
Special Hazard Precautions: HAZARD ONLY WHEN PRESENT AS DUST - DUST
EXPLOSION CAN OCCUR. STRONG ACIDS MAY CAUSE VIOLENT EXOTHERMIC REACTION &
EVOLVE TOXIC GASES/VAPORS DEPENDING ON TYPE ACID. ACUTE: ABRASIVE.
IRRITATES SKIN, EYE, RESPIRATORY TRACT. CAN CAUSE DERMATITIS,
PNEUMOCONIOSIS, SILICOSIS. CHRONIC: CONTAINS MATERIAL THAT MAY CAUSE
CANCER, SILICOSIS, PNEUMOCONIOSIS.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: W R BONSAI CO
Label P.O. Box: 241148
Label City: CHARLOTTE
Label State: NC
Label Zip Code: 28224
Label Country: US
Label Emergency Number: 704-525-1621