

PREMIER REFRACTORIES AND CHEMICALS INC -- RAMTITE 25 -- 9350-00-542-3231

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Product Identification  
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Product ID:RAMTITE 25

MSDS Date:07/01/1990

FSC:9350

NIIN:00-542-3231

MSDS Number: BRDJL

=== Responsible Party ===

Company Name:PREMIER REFRACTORIES AND CHEMICALS INC

Address:901 E 8TH AVE

Box:1569

City:KING OF PRUSSIA

State:PA

ZIP:19406

Country:US

Info Phone Num:215-337-1100 / FAX 215-337-7

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Emergency Phone Num:215-337-1100

Preparer's Name:A.G.NIGHSWANDER

CAGE:PREMI

=== Contractor Identification ===

Company Name:AMERICAN PREMIER INC;DBA PREMIER REFRACTORIES & CH

Address:901 E 8TH AVE

Box:1569

City:KING OF PRUSSIA

State:PA

ZIP:19406

Country:US

Phone:215-337-1100

CAGE:0V0U5

Company Name:PREMIER REFRACTORIES AND CHEMICALS INC

Address:901 EAST EIGHTH AVE

Box:1569

City:KING OF PRUSSIA

State:PA

ZIP:19406

Country:US

Phone:215-337-1100

CAGE:PREMI

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Composition/Information  
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on Ingredients =====

Ingred Name:ALUMINUM SILICATE  
CAS:1302-93-8  
Fraction by Wt: 25-50%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:BENTONITE (INORGANIC CLAY)  
CAS:1302-78-9  
RTECS #:CT9450000  
Fraction by Wt: 10-25%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3 (DUST)  
ACGIH TLV:5 MG/M3 (DUST)

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Fraction by Wt: 1-10%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:SILICA, CRYSTALLINE - QUARTZ  
CAS:14808-60-7  
RTECS #:VV7330000  
Fraction  
by Wt: 1-10%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:SEE TABLE Z3  
ACGIH TLV:0.1 MG/M3 RDUST;9293

Ingred Name:SILICA, CRYSTALLINE - CRISTOBALITE  
CAS:14464-46-1  
RTECS #:VV7325000  
Fraction by Wt: 10-25%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:SEE TABLE Z3  
ACGIH TLV:0.05 MG/M3 RDUST9293

Ingred Name:SILICA, CRYSTALLINE - FUSED  
CAS:60676-86-0  
RTECS #:VV7328000  
Fraction by Wt: 1-10%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:SEE TABLE Z3  
ACGIH TLV:0.1 MG/M3 RDUST;9293

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azards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:THIS PRODUCT IN ITS CURRENT STATE IS A MOIST, MOLDABLE MATERIAL. SOME OF THE HEALTH HAZARD INFORMATION APPLIES TO DRIED MATERIAL AND ANY DUST THAT MAY RESULT THEREFROM. EYES: IRRITATION FROM DUST. SKI N: IRRITATION FROM DUST.

INHALATION: UPPER

RESPIRATORY TRACT IRRITATION AND BREATHING DIFFICULTIES FROM DUST.

Explanation of Carcinogenicity:CRYSATALLINE SILICA LISTED BY NTP AS REASONABLY ANTICIPATED TO BE CARCINOGEN.LISTED BY IARC AS 2A,PROBABLY CARCINOGENIC.

Effects of Overexposure:EYES: IRRITATION FROM DUST. SKIN: IRRITATION FROM DUST. INHALATION: IRRITATION, DIFFICULTIES BREATHING FROM DUST.

Medical Cond Aggravated by Exposure:PRE-EXISTING CHRONIC LUNG CONDITIONS SUCH AS, BUT NOT LIMITED TO, BRONCHITIS, EMPH YSEMA, AND ASTHMA FROM DUST.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS GET MEDICAL ATTENTION. SKIN: WASH AREA WITH SOAP AND WATER. INHALATION: MOVE TO FRESH AIR.

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

Flash Point:NOT FLAMMABLE

Extinguishing Media:USE EXTINGUISHING MEDIA APPROPRIATE TO THE SURROUNDING AREA.

Fire Fighting Procedures:NONE.

Unusual Fi

re/Explosion Hazard:NONE.

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

Spill Release Procedures:CAREFULLY SCOOP UP MATERIAL INTO A SUITABLE CONTAINER. WEAR APPROVED RESPIRATORY PROTECTION, GLOVES, AND GOGGLES TO PREVENT IRRITATION FROM CONTACT AND/OR INHALATION.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:THE USE OF EYE PROTECTION, GLOVES, AND LONG SL

EVEE CLOTHING IS RECOMMENDED.

Other Precautions:NONE

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

Respiratory Protection:NONE NORMALLY REQUIRED.

Ventilation:PROVIDE ADEQUATE GENERAL VENTILATION AND LOCAL EXHAUST VENTILATION TO CONTROL MIST AND/OR DUST TO NO MORE THAN THE TLV.

Protective Gloves:RECOMMENDED.

Eye Protection:GOGGLES FOR DUSTY OPERATIONS.

Other Protective Equipment:LONG SLEEVE CLOTHING WHEN IN DUSTY OPERATIONS.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING

OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

ANY DUST GENERATED FROM THIS PRODUCT WILL CONTAIN CRYSTALLINE SILICA. THE EXCESSIVE INHALATION ABOVE PEL OF CRYSTALLINE SILICA OVER LONG PERIODS OF TIME MAY CAUSE A DISABLING LUNG DISEASE (SILICOSIS) WHICH REDUCES BREATHING CAPACITY, AND MAY LEAD TO INCREASED SUSCEPTIBILITY TO OTHER LUNG DISEASE AND POSSIBLY CANCER.

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

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:>2732F,>150

Spec Gravity:2.4-2.6

pH:6-8

Solubility in Water:2-4%

Appearance and Odor:DARK GRAY, MOLDABLE MIX OF AGGREGATES AND MOIST BONDING MAT'LS. PUNGENT ODOR.

Percent Volatiles by Volume:5-10%

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

Stability Indicator/Materials to Avoid:YES

TO AVOID DRYOUT MATERIAL SHOULD BE PROTECTED FROM ATMOSPHERE.

Stability Condition to Avoid:MATERIAL IS STABLE UNDER ALL NORMAL

CONDITIONS OF STORAGE.

Hazardous Decomposition Products:NONE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:PRODUCT IS NON-BIODEGRADABLE, AND DOES NOT EXHIBIT ANY CHARACTERISTICS OF A HAZARDOUS WASTE. FOLLOW ALL LOCAL, STATE AND FEDERAL REGULATIONS FOR PROPER DISPOSAL.

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