

GRACE W R AND DEWEY AND ALMY C -- ZONOLITE INDUSTRIAL VERMICULITE

=====
MSDS Safety Information
=====

FSC: 8135
NIIN: 01-324-2664
MSDS Date: 03/17/1993
MSDS Num: CLBCL
Product ID: ZONOLITE INDUSTRIAL VERMICULITE
MFN: 03
Responsible Party
Cage: 17486
Name: GRACE W R AND CO DEWEY AND ALMY CHEMICAL DIV
Address: 62 WHITTEM
ORE AVE
City: CAMBRIDGE MA 02140-1623
Info Phone Number: 617-876-1400
Emergency Phone Number: 0000000000
Review Ind: Y
Published: Y

=====
Contractor Summary
=====

Cage: 17486
Name: GRACE W R AND CO DEWEY AND ALMY CHEMICAL DIV
Address: 62 WHITTEMORE AVE
City: CAMBRIDGE MA 02140-1623
Phone: 617-876-1400

=====
Item Description Information
=====

Item Manager: GSA
Item Name: CUSHIONING MATERIAL,PACKAGING
Specification Number: A-A-52450
Type/Grade/Class: NONE
Unit of Issue: BG
Quantitative Expression: 10000000045LB
UI Container Qty: 1
Type of Container: BAG

=====
Health Hazards Data
=====

Effects of Exposure: INHALATION: DUST THAT MAY BE RELEASED IN HANDLING MAY
CAUSE SYMPTOMS TYPICAL OF NUIS

ANCE DUSTS, INCLUDING COUGHING, SNEEZING AND
MINOR UPPER RESPIRATORY IRRITATION. SKIN AND EYE: DIRECT EYE CONTACT MAY
CAUSE MINOR PHYSICAL OR MECHANICAL IRRITATION. SKIN CONTACT NOT EXPECTED TO
CAUSE ANY HARMFUL EFFECTS. INGESTION: NOT CONSIDERED HARMFUL BY INGESTION.

Explanation Of Carcinogenicity: NOT APPLICABLE

First Aid: IN CASE OF EYE CONTACT, DO NOT RUB EYES. FLUSH WITH PLENTY OF WATER
WHILE HOLDING EYELIDS APART. IF IRRITATION, BLINKING OR TEARING OCCUR AND
PERSIST CONSULT A P

HYSICIAN. ADVERSE HEALTH EFFECTS ARE NOT EXPECTED IF
SWALLOWED. IF INHALED GET FRESH AIR. IF SYMPTOMS PERSIST, CONSULT A
PHYSICIAN.

=====
Handling and Disposal
=====

Spill Release Procedures: OBSERVING ALL PRECAUTIONS AND PEL LIMITS, SWEEP UP OR
SHOVEL SPILLED MATERIAL AND PLACE IN SUITABLE CONTAINERS FOR RECYCLE OR
DISPOSAL. DAMPEN WITH WATER SPRAY OR USE OTHER METHODS TO CLEAN SPILL WHI
C H
AVOID CREATING DUS.

Waste Disposal Methods: DISCARD EMPTY PACKAGING PROMPTLY. AVOID EXCESSIVE
HANDLING OF EMPTY PACKAGING WHICH MAY RESULT IN UNNECESSARY RELEASE OF
AIRBORNE PARTICULES. ACCORDING TO EPA WASTE OF THIS PRODUCT IS NOT DEFINED AS
H AZARDOUS. DISPOSE OF ALL WASTE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL
REGULATIONS.

Other Precautions: PRODUCT CONTAINS VERMICULITE CAS#1318-00-9 AND OTHER
ASSOCIATED MINERALS, INCLUDING QUARTZ CAS# 14808-60-7. EYE CONTACT MAY CAUSE

MINOR PHYSICAL IRRITATION. INHALATION OF DUST MAY CAUSE UPPER RESPIRATORY
IRRITATION WITH COUGHING AND SNEEZING.

=====
Control Measures
=====

Respiratory Protection: A NIOSH TYPE TC-21C-XXX DUST RESPIRATOR MAY BE
DESIRABLE IF DUST IS CREATED IN HANDLING AND IS REQUIRED AT OR ABOVE THE PEL
LIMIT.

Ventilation: LOCAL OR MECHANICAL

Protective Gloves: NOT GENERALLY REQUIRED.

Eye Protection: GOG
GLES RECOMMENDED.

Other Protective Equipment: NORMAL WORK CLOTHES.

Work Hygienic Practices: THIS PRODUCT CONTAINS QUARTZ, BUT BUT STUDIES AS TO
THIS PRODUCT AND IT'S QUARTZ CONTENT HAVE BEEN LISTED BY OSHA AS NOT
HAZARDOUS. SEE HARD COPY MSDS FOR MORE INFORMATION.

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

Appearance and Odor: BROWN OR GRAY FREE-FLOWING AGGREGATE. EARTHY ODOR
=====

=====
Reactivity Data
=====

Stability Indicator: YES

Hazardous Polymerization Indicator: NO
=====

Other Information
=====

Other Information: THE DATA INCLUDED HEREIN IS PRESENTED ACCORDING TO W.R. GRACE AND CO.-CONN'S PRACTICES CURRENT AT THE TIME OF PREPERATION HEREOF.ARE MADE AVAILIABLE SOLELY FOR THE CONSIDERATION, INVESTIGATION AND VERIFICATION OF ORIGINAL RECIPIENTS HEREOF AND DO NOT CONSTITUTE A REPRESENTATION OR WARRANTY FOR WHICH GRACE ASSUMES LEGAL RESPONSIBILITY.IT IS THE RESPONSIBILITY OF A RECIPIENT OF THIS DATA TO REMAIN CURRENTLY INFORMED ON CHEMICAL HAZARD INFO.TO DESIGN AND UPDATE IT'S OWN PROGRAM AND TO COMPLY WITH ALL NATIONAL, FEDERAL, STATE LOCAL LAWS AND REG APPLICABLE TO SAFTEY, OCCUPATIONAL HEALTH, RIGHT TO KNOW AND ENVIORMENTAL PROTECTION.
=====

=====
Transportation Information
=====

Responsible Party Cage: 17486

Trans ID NO: 156406

Product ID: ZONOLITE INDUSTRIAL VERMICULITE

MSDS Prepared Date: 03/17/1993

Review Date: 08/30/2000

MFN: 3

Multiple KIT Number: 0

Unit Of Issue: BG

Container QTY: 1

Type Of Container: BAG
=====

Detail DOT Information
=====

DOT PSN Code: ZZZ

de: ZZZ

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

Detail IMO Information
=====

IMO PSN Code: ZZZ

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

Detail IATA Information
=====

IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATE

D BY THIS MODE OF TRANSPORTATION

=====
Detail AFI Information
=====

AFI PSN Code: ZZZ

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

=====
HAZCOM Label
=====

Product ID: ZONOLITE INDUSTRIAL VERMICULITE

Cage: 17486

Company Name: GRACE W R AND CO DEWEY AND ALMY CHEMICAL DIV
S

Street: 62 WHITTEMORE AVE

City: CAMBRIDGE MA

Zipcode: 02140-1623

Health Emergency Phone: 0000000000

Label Required IND: Y

Date Of Label Review: 03/23/2001

Status Code: A

Origination Code: G

Hazard And Precautions: INHALATION: DUST THAT MAY BE RELEASED IN HANDLING MAY CAUSE SYMPTOMS TYPICAL OF NUISANCE DUSTS, INCLUDING COUGHING, SNEEZING AND MINOR UPPER RESPIRATORY IRRITATION. SKIN AND EYE: DIRECT EYE CONTACT MAY CAUSE MINOR PHYSICAL OR MECHANICAL IRRITATION. SKIN CONTACT NOT EXPECTED TO

CAUSE ANY HARMFUL EFFECTS. INGESTION: NOT CONSIDERED HARMFUL BY INGESTION.

=====
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, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense

nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or o

ther government situation.