

PLASTODENT, INC. -- PRECIPITATED CALCIUM CARBONATE -- 8520-01-303-6439

=====  
Product Identification  
=====

Product ID:PRECIPITATED CALCIUM CARBONATE

MSDS Date:09/20/1990

FSC:8520

NIIN:01-303-6439

MSDS Number: BMDXR

=== Responsible Party ===

Company Name:PLASTODENT, INC.

Address:2881 MIDDLETOWN RD

City:BRONX

State:NY

ZIP:10461

Country:US

Info Phone Num:413-743-0591 / 413-743-0598

Emergency Phone Nu

m:413-743-0591 &743-0598/800-424-9300

Preparer's Name:M G LARSON

CAGE:NO395

=== Contractor Identification ===

Company Name:PLASTODENT INC.

Address:2881 MIDDLETON ROAD

Box:City:BRONX

State:NY

ZIP:10461-3306

Country:US

Phone:212-792-3554

CAGE:8P273

Company Name:PLASTODENT, INC.

Address:2881 MIDDLETOWN RD

City:BRONX

State:NY

ZIP:10461

Country:US

Phone:413-743-0591 / 413-743-0598

CAGE:NO395

=====  
Composition/Information on Ingredients  
=====

Ingred Name:CALCIUM CARBONATE

CAS:471-3

4-1

RTECS #:FF9335000

Other REC Limits:5 MG/M3 TWA RESP

OSHA PEL:15MG/M3TWA TOTL DUST

ACGIH TLV:10 MG/M3 TOTAL DUST

Ingred Name:THERE ARE EXTREMELY SMALL BUT DETECTABLE AMOUNTS OF  
SUBSTANCES REGULATED UNDER CALIF SAFE DRINKING WATER & TOXIC \*

RTECS #:9999999ZZ

Other REC Limits:NONE SPECIFIED

RTECS #:9999999ZZ

Other REC Limits:NONE SPECIFIED

Ingred Name:ARSENIC

CAS:7440-38-2

RTECS #:CG0525000

Fraction by Wt: >1% PPM

Other REC Limits:NONE SPECIFIED

OSHA PEL:0.5 MG/M3 (AS)

ACGIH TLV:0.01,A1 M

G/M3; 9394

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:CADMIUM

CAS:7440-43-9

RTECS #:EU9800000

Fraction by Wt: >1% PPM

Other REC Limits:NONE SPECIFIED

OSHA PEL:SEE 1910.1027

ACGIH TLV:0.01 MG/M3 DUST;9394

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:CHROMIUM (VI)

CAS:1333-82-0

RTECS #:GB6650000

Fraction by Wt: >0.1%PPM

Other REC Limits:NONE SPECIFIED

Ingred Name:LEAD (SARA 313)

CAS:7439-92-1

RTECS #:OF5250000

Fraction by Wt: >1% PPM

Other REC Limits:NONE SPECIFIED

EPA Rpt Qty:1 LB

DOT

=====  
===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Health Hazards Acute and Chronic:CALCIUM CARBONATE IS A "NUISANCE PARTICULATE". THEY "HAVE A LONG HISTORY OF LITTLE ADVERSE EFFECT ON LUNGS AND DO NOT PRODUCE SIGNIFICANT ORGANIC DISEASE OR TOXIC EFFECT WHEN EXPOSURES ARE KEPT UNDER REASONABLE CONTROL" (ACGIH TLV DEFINITION). MAY CAUSE EYE AND SKIN IRRITATION FROM ABRASION.\*

Effects of Over exposure:\*ABRASIVENESS MAY CAUSE EYE AND SKIN IRRITATION. NO KNOWN CHRONIC HEALTH EFFECTS.

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

First Aid:EYE: FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION. SKIN: WASH FROM SKIN WITH MILD SOAP AND WATER. INHALATION: REMOVE FROM THE EXPOSURE AREA. INGESTION: INGESTION SHOULD NOT CAUSE ANY SIGNIFICANT HEALTH PROBLEMS. IF A LARGE AMOUNT IS INGESTED AND IF CONSCIOUS, GIVE LARGE QUANTITIES OF WATER TO INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point:NONE  
Extinguishing Media:NON-FLAMMABLE. AS APPROPRIATE FOR SURROUNDING COMBUSTIBLES.  
Fire Fighting Procedures:NONE  
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:USE RESPIRATORY PROTECTION FOR AIRBORNE DUST. VACUUM OR SCOOP UP SPILLED MATERIAL FOR RECOVERY OR DISPOSAL, AVOIDING DUSTING CONDITIONS AND USING GOOD VENTILATION. WETTING THE SPILL WITH A WATER SPRAY MAY HELP KEEP THE AIRBORNE DUST LEVEL DOWN.

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

Respiratory Protection:IF EXPOSURE LIMITS ARE EXCEEDED, A NIOSH APPROVED DUST RESPIRATOR SHOULD BE USED.  
Ventilation:PROVIDE ADEQUATE EXHAUST VENTILATION(TLV REQUIREMENTS). EXHAUST FILTER SYSTEM MAY BE NEEDED TO AVOID ENVIRONMENTAL CONT

AM.

Protective Gloves:LEATHER OR RUBBER GLOVES.

Eye Protection:SAFETY GLASSES OR DUST-TIGHT GOGGLES.

Other Protective Equipment:AN EYEWASH STATION SHOULD BE AVAILABLE TO THE AREA OF USE.

Work Hygienic Practices:SEE SUPPLEMENTAL DATA.

Supplemental Safety and Health

GOOD INDUSTRIAL HYGIENE PRATICES REQUIRES THAT EMPLOYEE EXPOSURE BE MAINTAINED BELOW THE RECOMMENDED TLV. THIS IS PREFERABLY ACHIEVED THROUGH THE PROVISION OF ADEQUATE VENTILATION WHERE NECESSARY. WHE RE DUST CANNOT BE

CONTROLLED IN THIS WAY, PERSONAL RESPIRATORY PROTECTION SHOULD BE EMPLOYEEED.

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

Spec Gravity:2.71 (WATER=1)

Viscosity:NA

Solubility in Water:INSOLUBLE

Appearance and Odor:WHITE POWDER. FLAVORED.

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

Stability Indicator/Materials to Avoid:YES

REACTS WITH ACID TO LIBERATE CARBON DIOXIDE.

Stability Condition to Avoid:NONE KNOWN

Hazardous Decomposition Products:NO

NE

Conditions to Avoid Polymerization:REACTS WITH ACID TO LIBERATE CARBON DIOXIDE GAS.

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

Waste Disposal Methods:CALCIUM CARBONATE IS NOT CONSIDERED TO BE A RCRA HAZARDOUS WASTE AND MAY BE DISPOSED IN A SITE SUITABLE FOR INDUSTRIAL WASTES. REFER TO ANY LOCAL STATE OR FEDERAL REGULATIONS FOR SPECIFIC DISPOSAL INF ORMATION.

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 this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.