

VALIANT (PHD & PHD-XT PHD-EXT)

MSDS Number

BBLSS

National Stock Number

6520-00F002798

Product Name

VALIANT (PHD & PHD-XT PHD-EXT)

Manufacturer

CAULK DENTSPLY

Product Identification

Product ID: VALIANT (PHD & PHD-XT PHD-EXT)

MSDS Date: 01/12/1990

FSC: 6520

NIIN: 00F002798

MSDS Number: BBLSS

Responsible Party

CAULK/DENTSPLY

LAKEVIEW & CLARKE AVENUES

MILFORD , DE 19963-0359

Emergency Phone: (302) 422-4511

Info Phone: (302) 422-4511

Cage: 56820

Contractor

CAULK/DENTSPLY

MILFORD, DE 19963-0359

(302) 422-4511

Cage: 56820

Ingredients

TIN

CAS: 7440-31-5

RTECS: XP7320000

Fraction By Weight: 29.7%

OSHA PEL2 MG/M3

ACGIH TLV: 2 MG/M3; 9192

PALLADIUM

Fraction By Weight: 0.3%

OSHA PEL15 MG/CUM

ACGIH TLV: 10 MG/CUM

SILVER (SARA III)

CAS: 7440-22-4

RTECS: VW3500000

Fraction By Weight: 52.5%
OSHA PEL0.01 MG/M3
ACGIH TLV: 0.1 MG/M3; 9192
EPA Report Quantity: 1 LB
DOT Report Quantity: 1 LB

COPPER (SARA III)
CAS: 7440-50-8
RTECS: GL5325000
Fraction By Weight: 17.5%
OSHA PEL0.1MG/M3 FUME/1 DUST
ACGIH TLV: 0.2MG/M3 FUME; 9192
EPA Report Quantity: 5000 LBS
DOT Report Quantity: 5000 LBS

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SKIN: PROLONGED OR REPEATED CONTACT MAY CAUSE IRRITATION OR ALLERGIC REACTION. INHALATION: PROLONGED EXCESSIVE EXPOSURE TO DUST, MIST, OR FUMES MAY CONTRIBUTE TO CHRONIC RESPIRATORY AILMENTS.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:SKIN: PROLONGED OR REPEATED CONTACT MAY CAUSE IRRITATION OR ALLERGIC REACTION. INHALATION: PROLONGED EXCESSIVE EXPOSURE TO DUST, MIST, OR FUMES MAY CONTRIBUTE TO CHRONIC RESPIRATORY AILMENTS.
Medical Cond Aggravated by Exposure:ALLERGIC REACTION

First Aid

First Aid:EYES: FLUSH W/WATER. OBTAIN MEDICAL ATTENTION.

Fire Fighting

Extinguishing Media:USE DRY POWDER EXTINGUISHING AGENT.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR FULL PROTECTIVE CLOTHING INCLUDING SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:METAL POWDER IN AIR MAY CAUSE FIRE & EXPLOSION HAZARD. EXPLOSION HAZARD, GOOD HOUSEKEEPING MUST BE MAINTAINED. MOLTEN METAL CAN IGNITE COMBUSTIBLES.

Accidental Release

Spill Release Procedures:PICK UP POWDER SPILLS BY METHODS SUCH AS VACUUMING OR WET MOPPING-PREVENT DUSTY CONDITIONS.

Handling

Handling and Storage Precautions:FOLLOW GOOD HOUSEKEEPING PRACTICES & GOOD INDUSTRIAL HYGIENE IN HANDLING THIS MATERIAL.
Other Precautions:OPERATIONS GENERATING AIRBORNE EXPOSURE SUCH AS WELDING, MELTING, GRINDING, ETC. SHOULD BE PERFORMED W/VENTILATION.

Exposure Controls

Respiratory Protection:NIOSH APPROVED RESPIRATORS ARE REQUIRED WHEN CONCENTRATIONS OF DUST & FUMES EXCEED TLV.
Ventilation:LOCAL EXHAUST
Protective Gloves:LEATHER OR RUBBER
Eye Protection:SAFETY GOGGLES
Other Protective Equipment:RUBBER APRON
Work Hygienic Practices:OBSERVE NORMAL CARE WHEN WORKING W/CHEMICALS.

Supplemental Safety and Health

Chemical Properties

Spec Gravity:9.60

Solubility in Water:NOT SOLUBLE

Appearance and Odor:METALLIC GRAY POWDER.

Stability

Stability Indicator/Materials to Avoid:YES

MINERAL ACIDS

Hazardous Decomposition Products:HYDROGEN GAS

Disposal

Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE W/LOCAL, STATE, OR FEDERAL REGULATIONS.

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