

BIOBOND PLUS CERAMIC BONDING ALLOY 9456700

MSDS Number

BHSYW

National Stock Number

6520-00F010655

Product Name

BIOBOND PLUS CERAMIC BONDING ALLOY 9456700

Manufacturer

DENTSPLY YORK DIV

Product Identification

Product ID: BIOBOND PLUS CERAMIC BONDING ALLOY 9456700

MSDS Date: 12/11/1987

FSC: 6520

NIIN: 00F010655

MSDS Number: BHSYW

Responsible Party

DENTSPLY/YORK DIVISION

570 W. COLLEGE

YORK, PA 17405

Emergency Phone: (717) 845-7511

Info Phone: (717) 845-7511

Cage: 16969

Contractor

DENTSPLY/YORK DIV/TRUBYTE DIV

872

YORK, PA 17405-0872

US

717-845-7511

Cage: 16969

Ingredients

NICKEL (SARA III)

CAS: 7440-02-0

RTECS: QR5950000

Fraction By Weight: 80%

OSHA PEL1 MG/M3

ACGIH TLV: 1 MG/M3; 9192

CHROMIUM (SARA III)

CAS: 7440-47-3

RTECS: GB4200000

Fraction By Weight: 15%

OSHA PEL1 MG/M3

ACGIH TLV: 0.5 MG/M3; 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

MOLYBDENUM

CAS: 7439-98-7

RTECS: QA4680000

Fraction By Weight:

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3; 9293

COLUMBIUM

CAS: 7440-03-1

TIN

CAS: 7440-31-5

RTECS: XP7320000

OSHA PEL2 MG/M3

ACGIH TLV: 2 MG/M3; 9192

SILICON

CAS: 7440-21-3

RTECS: VW0400000

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9293

BORON

CAS: 7440-42-8

RTECS: ED7350000

ACGIH TLV: 10 MG/CUM

Hazards

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

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

Health Hazards Acute and Chronic:INHALATION: HIGH CONCENTRATIONS DUSTS

MAY CAUSE IRRITATION OF THE EYES & THROAT, PULMONARY DISEASE. SKIN:

CAUSE NICKEL SENSITIVITY.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: HIGH CONCENTRATIONS DUSTS MAY CAUSE

IRRITATION OF THE EYES & THROAT, PULMONARY DISEASE. SKIN: NICKEL

CAUSE SENSITIVITY.

Medical Cond Aggravated by Exposure:PULMONARY DISEASE & SENSITIVITY.

First Aid

First Aid:INHALATION: REMOVE VICTIM FROM DUSTY AREA TO FRESH AIR. EYE:

FLUSH W/WATER.

Fire Fighting

Fire Fighting Procedures:NONE

Unusual Fire/Explosion Hazard:NONE

Accidental Release

Spill Release Procedures:NO SPECIAL PROCEDURES REQUIRED

Handling

Handling and Storage Precautions:NO SPECIAL PRECAUTIONS ARE REQUIRED.
Other Precautions:THIS MATERIAL SHOULD BE HANDLED & USED ONLY IN A
MANNER CONSISTENT WITH THE PRODUCT INSTRUCTIONS.

Exposure Controls

Respiratory Protection:IN DUSTY AREAS USE NIOSH APPROVED SCHEDULE 21C
RESPIRATOR.
Ventilation:LOCAL VENTILATION FOR DUSTY AREAS TO KEEP WORKING
ATMOSPHERE AT CONCENTRATIONS Protective Gloves:DURING MELTING TO PREVENT BURNS
Eye Protection:DETERMINED BY OPERATION
Supplemental Safety and Health

Chemical Properties

Melt/Freeze Pt:M.P/F.P Text:2400F
Spec Gravity:8.4
Solubility in Water:NEGLIGIBLE
Appearance and Odor:SILVER METALLIC APPEARANCE; NO ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
MINERAL ACIDS
Hazardous Decomposition Products:HYDROGEN

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDNACE WITH APPLICABLE
FEDERAL, STATE, & LOCAL REGULATIONS.

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