

IVOCLAR NORTH AMERICA INC -- 2040410 FUSED ALUMINUM OXIDE BLASTING COMPOUND --  
6520-01-327-0658

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

Product ID:2040410 FUSED ALUMINUM OXIDE BLASTING COMPOUND

MSDS Date:07/08/1994

FSC:6520

NIIN:01-327-0658

MSDS Number: BVTNG

=== Responsible Party ===

Company Name:IVOCLAR NORTH AMERICA INC

Address:175 PINEVIEW DR

City:AMHERST

State:NY

ZIP:14228-2286

Country:US

Info Pho

ne Num:716-691-0010

Emergency Phone Num:716-691-0010

Preparer's Name:LLOYD V ZIEMENDORF

CAGE:0T2N6

=== Contractor Identification ===

Company Name:IVOCLAR NORTH AMERICA INC

Address:175 PINEVIEW DR

Box:City:AMHERST

State:NY

ZIP:14228-2286

Country:US

Phone:716-691-0010

CAGE:0T2N6

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

Ingred Name:ALUMINUM OXIDE, BAUXITE, ALUMINA, DIALUMINUM TRIOXIDE

CAS:1344-28-1

RTECS #:BD1200000

Fraction by Wt: 60-100%

OSHA PEL:5 MG/CUM

ACGIH TLV:5

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION OF FINE PARTICLES MAY CAUSE LUNG DAMAGE, SHAVER'S DISEASE, RESPIRATORY IRRITATION, CHOKING SENSATION.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:INHALATION OF FINE PARTICLES MAY CAUSE LUNG DAMAGE, SHAVER'S DISEASE, RESPIRATORY IRRITATION, CHOKING SENSATION.  
Medical Cond Aggravated by Exposure:PRE-EXISTING LUNG DISORDERS

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

First Aid:INHALATION: REMOVE TO FRESH AIR. EYES: RINSE W/WATER FOR 15 MINS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Extinguishing Media:FOAM, CO2, DRY CHEMICAL  
Fire Fighting Procedures:NONE  
Unusual Fire/Explosion Hazard:EXOTHERMIC REACTION >392F W/HALO-CARBON VAPO  
RS.

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

Spill Release Procedures:CLEAN UP USING METHODS TO AVOID DUST GENERATION. IF VACUUM IS USED EXHAUST AIR SHOULD BE FILTERED BY A HIGH EFFICIENCY PARTICULATE AIR FILTER. COMPRESSED AIR SHOULD NOT BE USED. AVOID SKIN/EYE CONTACT & INHALATION OF DUST.

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

Handling and Storage Precautions:STORE IN CLOSED CONTAINERS IN A DRY LOCATION.  
Other Precau

tions:HANDLE SO AS NOT TO DISPERSE DUST INTO WORK ENVIRONMENT.

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

Respiratory Protection:REQUIRED IF AIRBORNE TLV IS EXCEEDED.  
Ventilation:ADEQUATE LOCAL EXHAUST  
Protective Gloves:NO  
Eye Protection:SAFETY GOGGLES  
Supplemental Safety and Health  
PH: NEUTRAL.

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

Boiling Pt:B.P. Text:5390.6F  
Melt/Freeze Pt:M.P/F.P Text:3722F  
Vapor Pres:1  
Spec Gravity:3.97  
pH:(SUP  
P)  
Appearance and Odor:WHITE POWDER W/NO ODOR

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

Stability Indicator/Materials to Avoid:YES  
Stability Condition to Avoid:TEMPS >392F  
Hazardous Decomposition Products:HYDROGEN CHLORIDE, PHOSGENE

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

Waste Disposal Methods:DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS.

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