

Niagara Oxide Division
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P.O. Box 74037
Romulus, MI 48174-0037

MATERIAL SAFETY DATA SHEET

REVISION DATE: 01-08-03

I. IDENTIFICATION

Product Name: Niagara Oxide, Fused Aluminum Oxide

Chemical Family: Fused Aluminum Oxide

Formula: N/A

<u>HMIS</u>	
Health	1
Flam.	0
React.	0
P.P.E.	E

II. INGREDIENTS	C.A.S. NO.	%	OSHA PEL	ACCIH TLV	LISTED AS CARCINOGEN
Aluminum Oxide - Al ₂ O ₃	1344-28-1	96.5		10mg/M ³	NO
Titanium Oxide - TiO ₂	13463-67-7	1.50		10mg/M ³	NO
Silicon Oxide - SiO ₂	7631-86-9	.46	See Below	See Below	NO
Magnesium Oxide - MgO	1309-48-4	.20		10mg/M ³	NO
Iron Oxide - Fe ₂ O ₃	1309-37-1	.35		5mg(Fe)/M ³	NO
Calcium Oxide - CaO	1305-78-8	.1		2mg/M ³	NO

Source of Exposure Limit Data:

1. Federal OSHA Permissible Exposure Limit.
2. ACGIH Threshold Limit Values.

Abbreviations

N/D – Not Determined.
N/A – Not Applicable.

III. PHYSICAL DATA

Vapor Pressure:	0	Solubility in Water:	Insoluble
Vapor Density:	N/A	Specific Gravity (water = 1):	3.95
Evaporation Rate:	0	Percent Volatile:	0
% Solid by Wgt.	100	PH:	Neutral
Appearance and Order:	Brown powder, no odor		

IV. FIRE AND EXPLOSION HAZARD DATA

Flashpoint: N/A
Flammable Limits: N/A

Product Name : GMA Industries Niagara Oxide, Fused Aluminum Oxide

Unusual Fire and Explosion Hazards: None

Special Fire Fighting Procedures: Remove material from fire area.

V. REACTIVITY DATA

Stability: Stable

Incompatibility: N/A

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: Exposure to flame will not produce hazardous decomposition products.

VI. ENVIRONMENTAL INFORMATION

Spill Response: Normal clean-up procedures: shovel, vacuum, broom into paper bag or drum.

Recommended Disposal: Non-hazardous, comply with federal; state and local regulations for land fill methods.

VII. SUGGESTED FIRST AID

Eye Contact: Flush eyes with plenty of water. Consult with physician if irritation persists.

Skin Contact: Shower at end of workday.

Inhalation: Remove person to fresh air. Consult with physician if irritation has occurred.

If swallowed: Do not induce vomiting. Call a physician.

VIII. PRECAUTIONARY HAZARD DATA

Keep product in containers, handle in such a way to minimize from becoming dispersed in the work environment. Store in containers indefinitely with no risk of health hazard. Utilize approved dust respirator when acute dustiness has occurred in the work environment.

IX. HEALTH HAZARD DATA

Effects of Overexposure: Choking sensation, respiratory system passageways irritation.

Skin Contact: No evidence of adverse effects expected.

Eye Contact: May cause irritation.

Swallowing: Non-toxic. May cause irritation of the throat and digestive passageways.

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