



DUR-A-FLEX
INNOVATION FROM THE FLOOR UP

Material Safety Data Sheet

95 Goodwin Street, East Hartford, CT., 06108 (860) 528-9838

Date Prepared 8/2/2010

SECTION I - IDENTIFICATION

IDENTITY (As Used on Label) **Non-Skid Grit: various size**

COMMON NAME **WHITE ALUMINUM OXIDE**

HAZARD RATING

0 = Least
1 = Slight
2 = Moderate
3 = High
4 = Extreme

Health	1
Flammability	0
Reactivity	0
Personal Protection	E

SECTION II - PRODUCT COMPONENTS

	CAS.#	OSHA PEL	ACGIH TLV
Aluminum Oxide	1344-28-1	5 mg/m ³	10 mg/m ³

(Respirable Fraction)

Other Oxides (Total) (SiO₂+Fe₂O₃+Na₂O+MgO+TiO₂)=1%

T.S.C.A. Status - O.K. on above component.

FOR SPILL, LEAK, FIRE, OR ACCIDENT, CALL CHEMTREC 24-HOUR EMERGENCY NUMBER 1-800-424-9300

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	5396°F	Specific Gravity (H ₂ O = 1)	4.0
Vapor Pressure (mm Hg)	N/A	Melting Point	3632°F
Vapor Density (AIR = 1)	N/A	Evaporation rate (Butyl Acetate = 1)	N/A
Volatile Organic Compounds (VOC)	0 g/L		

Solubility in Water **INSOLUBLE**

Appearance and Odor **White Granula, Odorless**

SECTION IV - FIRE and EXPLOSION HAZARD DATA

Flash Point (Closed Cup Method)	N/A	Flammable Limits	LEL	UEL
			N/A	N/A

Extinguishing Media **Not considered to be a fire hazard**

Special Firefighting Procedures

None Known.

Unusual Fire and Explosion Hazards

None Known.

SECTION V - REACTIVITY DATA

Stability	Unstable		Conditions to Avoid
	Stable	X	None known.

Incompatibility (Materials to Avoid) **None known.**

Hazardous Decomposition or Byproducts **None Known.**

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	None known.

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Yes	No	No

Signs and Symptoms of Exposure	Temporary Inhalation Discomfort.
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Health Hazards (Acute and Chronic)

ACUTE - None known other than possible temporary discomfort due to inhalation of dust concentration.

CHRONIC - Potential chronic respiratory distress/irritation. Can aggravate pre-existing lung conditions.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	NO	NO	NO

Medical Conditions Generally Aggravated by Exposure	None Known.
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Emergency and First Aid Procedures

EYES - hold eyes apart and flush with clean water for 15 minutes. If irritation or redness develops and persists seek medical attention.

INHALATION - For inhalation discomfort move person to fresh air.

SKIN CONTACT: May cause irritation with redness and pain - immediately flush skin with plenty of water for 15 minutes. Remove contaminated clothes and shoes. Get medical attention if irritation persists.

SECTION VII - CONTROL MEASURES

Respiratory Protection (Specify Type)

Provide adequate exhaust ventilation; use a NIOSH - approved respirator if PELs/TLVs are exceeded.

Ventilation	Local Exhaust	If necessary.	Special	None Known
	Mechanical	Adequate for dusty environments		

Protective Gloves	Wear gloves	Eye Protection	Safety goggles, do not wear contact lenses.
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Other Protective Clothing or Equipment

NONE KNOWN.

Work/Hygienic Practices	Avoid unnecessary formation of dust.
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SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled

Non - Skid Grit may be swept or vacuumed for normal disposal.

Waste Disposal Method

Non - Skid Grit is not a hazardous waste under U.S. Federal RCRA regulations.

Precautions to be Taken in Handling and Storing

Same as given in Section VII (ventilation, gloves, and goggles.)

Other Precautions	Dry powders can build static charges when subjected to friction.
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Prepared by	Samet Dy - Urethane Chemist
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