

# MSDS

## Cableguard™ Walk Surface Aluminum Oxide Grit



**The D.S. Brown Company**  
300 East Cherry Street  
North Baltimore, OH 45872  
419.257.3561  
Fax: 419.257.2200  
e-mail: [dsb@dsbrown.com](mailto:dsb@dsbrown.com)  
[www.dsbrown.com](http://www.dsbrown.com)



### 1. Identification of the substance and company

**Preparation/Product Name:** Alpha Alumina, Fused Aluminum Oxide

**Product Code:** NA

**Intended Use:** Cableguard™ Walk Surface

**Application Method:** Consult Product Installation Manual

**Company Name:** The D. S. Brown Company  
300 E. Cherry Street  
North Baltimore, OH 45872

**Telephone Number** (419) 257-3561

**24 hour Emergency Telephone No.:** 1-800-424-9300 (CHEMTREC)  
703-527-3887 (CHEMTREC International)

### 2. Composition/information on ingredients

This product contains the following substances that present a health hazard within the meaning of the Dangerous Substances Directive 67/548/EEC and the Chemicals (Hazard Information and Packaging for Supply) Regulations SI/3247/1994 or have occupational exposure limits detailed in EH40.

Ingredient	CAS Number	Concentration	Label Symbol(s)	Risk Phrases(*)
Alpha Alumina (Al <sub>2</sub> O <sub>3</sub> )	1344-28-1	96-100%	NA	NA
Titanium Dioxide (TiO <sub>2</sub> )	13463-67-7	0-4%	NA	NA

### 3. Hazards identification

Abrasive particulate may be irritating to the eyes and respiratory tract and may produce shortness of breath, decreased chest expansion, dry cough and fatigue.

Individuals with lung disorders should not be exposed to large quantities of airborne nuisance dust without taking appropriate precautions.

### 4. First aid measures

#### General

In all cases of doubt, or when symptoms persist, seek medical attention.

Never give anything by mouth to an unconscious person.

#### Inhalation

Immediately remove victim from the adverse environment to fresh air and seek medical attention.

#### Eye Contact

Immediately flush with large amounts of water as needed. If symptoms persist, seek medical attention.



**Skin Contact**

If dust gets on skin, wash contaminated area with soap and water. Remove and wash contaminated clothing. If rash, irritation, or other symptoms persist, seek medical attention.

**Ingestion**

Leave decision to induce vomiting for a doctor, since particles may be aspirated into the lungs. Seek immediate medical attention.

**5. Fire-fighting measures**

This abrasive product is non-combustible and does not pose fire or explosion hazards, and will not initiate or contribute to the intensity of a fire.

Recommended extinguishing media: As appropriate for surrounding fire.

**6. Accidental release measures**

Clean up spills using methods that avoid dust generation. If a vacuum is used, exhaust air should be filtered by a high-efficiency particulate air (HEPA) filter. Compressed air should not be used to clean up spills. During cleanup, skin and eye contact and inhalation of dust should be avoided as much as possible. When necessary, wear appropriate personal protective equipment (see section 8) during cleanup operations. Place material into a clean dry container with a clean shovel and cover.

Dispose per appropriate regulations.

**7. Handling and storage**

**Handling**

Avoid dust generation/dispersion in the work environment.

**Storage**

Store in containers indefinitely with no risk of health hazard. Utilize approved dust respirator when acute dustiness has occurred in the work environment.

**Use**

Use personal protective equipment as outlined in section 8.

**8. Exposure controls and personal protection**

**Engineering Measures**

Use local exhaust and/or dilution ventilation as needed to reduce employee exposures to below

**Exposure Limits**

The following occupational exposure limits have been established by the Health and Safety Executive as published in EH40.

Material	Short term (15 min. avg)		Long term (8hr time weighted avg)	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Alpha Alumina				
Total Dust			15 mg/m <sup>3</sup> (PEL)	10 mg/m <sup>3</sup> (TLV)
Respirable Dust			5 mg/m <sup>3</sup> (PEL)	5 mg/m <sup>3</sup> (TLV)
Titanium Dioxide				
Total Dust			5 mg/m <sup>3</sup> (PEL)	5 mg/m <sup>3</sup> (TLV)

**Personal Protection****Respiratory Protection**

Use approved respiratory protection when concentrations exceed exposure limits.

**Eye Protection**

Wear safety eyewear, e.g. safety spectacles, goggles. Eyewear should comply with British Standard 2092.

**Hand Protection**

As needed to prevent skin contact with abrasive dust.

**Skin Protection**

As needed to minimize skin exposure to abrasive dust.

**Physical and chemical properties**

<b>Physical State:</b>	Solid; white and/or brown granular or fine powder
<b>Odor:</b>	None
<b>Flash Point (deg C):</b>	NA
<b>Boiling Point:</b>	3500° C
<b>Specific Gravity:</b>	3.97
<b>Vapor Density:</b>	NA
<b>Lower Explosive Limit:</b>	NA
<b>Solubility in Water:</b>	Insoluble
<b>pH:</b>	NA
<b>Molecular Weight:</b>	101.94

**10. Stability and reactivity**

Stable under normal ambient and anticipated conditions of temperature and pressure.

**11. Toxicological information**

Medical conditions aggravated by exposure: Lung disorders

**12. Ecological information**

There are no data available on this product.



**13. Disposal considerations**

Wastes should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

**14. Transport information**

NA

**15. Regulatory Information**

In accordance with EC Directive 88/379/EEC and the Chemicals (Hazard Information and Packaging for Supply) Regulations SI/3247/1994 this product is labeled as follows:

**Symbol(s)** NA

**Contains:** NA

**R. Phrases:** NA

**S. Phrases:** NA

**P. Phrases:** NA

**16. Other information**

Information presented herein has been compiled from sources considered to be dependable and is accurate and reliable to the best of our knowledge and belief, but is not guaranteed to be so. It is the user's responsibility to determine for itself the suitability of any material for a specific purpose, whether alone or in combination with any other products, and to adopt such safety precautions as may be necessary. We make no warranty as to the results to be obtained in using any material and, since conditions and methods of use are not under our control, we must necessarily disclaim all warranties of merchantability or fitness for any particular use as well as all liability resulting directly from the use of any material supplied by us. Nothing herein is to be considered as recommending any practice or any product in violation of any patent or in violation of any law or regulation.