

**SAFETY DATA SHEET**

Date Issued: February 25, 2016

Item No: WAK 1 0 7 3 WA - N - 0 0 6 2

**Section I - Identification and Emergency Information**

Manufacturer's Name	Noritake Coated Abrasive Co.,Ltd
Address (Street, Ward, City, Pref., Zip, Country)	Azabu-cho, Miyoshi-City ,Aichi-Pref , 470-0206 Japan
Trade Name	Anti-Slipping Product(Non Slip)
Emergency Telephone No.	81-561-32-2235

**Section -Hazards Identification**

Human health	The hazardous properties of the product are considered limited.
Environment	The product is not expected to be hazardous to the environment.

GHS classification: Please refer to the attached sheet.

**Section Composition/Information on ingredients**

The product contain the following ingredients

name	Contents(by weight)	CAS Number
Aluminum oxide ( $\text{Al}_2\text{O}_3$ )	35-40%	1344-28-1
Pyrophyllite ( $\text{Al}_2\text{Si}_4\text{O}_{10}(\text{OH})_2$ )	1- 5%	12141-46-7
others	55-60%	-

**Section -First-Aid measures**

Inhalation	If uncomfortable during-raising work : Move into fresh air and keep at rest.
Skin contact	If uncomfortable during-raising work: Remove contaminated clothes and rinse skin thoroughly with water.
Eye contact	If uncomfortable during-raising work ,flush with plenty of water for up to 15 minutes.
Ingestion	Not likely, due to form of the product

**Section V Fire and Explosion Hazard Data**

Toxic fumes may occur, Use respiratory protective equipment.

Extinguishing Media : water, foam, sand powder or CO<sub>2</sub>  
as appropriate for surrounding materials.

**Section Accidental release measures**

Personal precautions	Avoid inhalation of dust.
Environmental precautions	Not relevant because of the use.
Methods for cleaning up	Not relevant.

**Section Handling and storage**

Safe handling advice	Avoid inhalation of dust. Observe good chemical hygiene practices.
Technical measures	Work practice should minimize contact.
Technical precautions	Local exhaust is recommended.
Technical measures for safe storage	No special precautions.
Storage conditions	Store flat in a dry place.

**Section Exposure controls/Personal protection**

Keep exposure to the following components under surveillance

name	Concentration limits	CAS Number
Aluminum oxide (Al <sub>2</sub> O <sub>3</sub> )	1mg/m <sup>3</sup>	1344-28-1
Pyrophyllite (Al <sub>2</sub> Si <sub>4</sub> O <sub>10</sub> (OH) <sub>2</sub> )	-	12141-46-7

**Exposure controls**

Respiratory equipment	The dust collector is set up as a dust measures, or the entire exhaust is executed if necessary.
Personal protection	During dust-rasing work: Dust mask/respirator.
Hand protection	Wear protective gloves.
Eye protection	Risk of contact: Wear goggles/face shield
Skin protection	No special precautions.
Environmental Exposure Controls	Not available

**Section - Physical and Chemical properties**

Boiling Point	N.A.	Specific Gravity (H <sub>2</sub> O = 1)	1.0-2.5
Vapor Pressure (mm Hg)	N.A.	Percent Volatile by Weight(%)	N.A.
Vapor Density (Air = 1)	N.A.	Evaporate Rate	N.A.
Solubility in Water	N.A.	PH	N.A.
Appearance and Odor	N.A.		

**Section - Stability or Reactivity**

Stability : Coted Abrasives are stable when handled or stored.

Reactivity

Condition to avoid : No decomposition in normal use.

Materials to avoid : No dangerous reactions known.

Hazardous decomposition

: At temperatures exceeding 250 hazardous or toxic decomposition products may be generated.

**Section -Toxicological Information**

Refer attached hazardous information of component for pure substance.

**Section -Ecological information**

Mobility	Not relevant
Degradability	Not relevant
Ecotoxicity	The product is not expected to be hazardous to the environment.
Bioaccumulative potential	No data available on bioaccumulation.
Other adverse effects	None known

**Section -Disposal considerations**

Dispose of waste and residues in accordance with each country requirements.

**Section -Transport information**

The product is not covered by international regulation on the transport of dangerous goods.

**Section -Regulatory information**

Observe local/regional/national/international regulations.

**Section -Other Information**

We referred to the ACGIH material.

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The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use.

\* N.A. means Not Applicable \*

## Allocation of label elements

It marks the corresponding material.	
	Aluminium oxide

### Physical Hazards

Explosives	Out of classification
Flammable gases	Out of classification
Flammable aerosols	Out of classification
Oxidizing gases	Out of classification
Gases under pressure	Out of classification
Flammable liquids	Out of classification
Flammable solids	Out of category
Self-reactive substances and mixtures	Out of classification
Pyrophoric liquids	Out of classification
Pyrophoric solids	Out of category
Self-heating substances and mixtures	Out of category
Substances and mixtures, which in contact with water, emit flammable gases	Out of category
Oxidizing liquids	Out of classification
Oxidizing solids	Out of category
Organic peroxides	Out of classification
Corrosive to metals	Classifical not possible

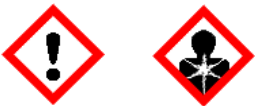
### Health Hazards

Acute toxicity:Oral	Out of category
Acute toxicity:Skin	Classifical not possible
Acute toxicity:Inhalation	Out of classification
Acute toxicity:Vapors	Classifical not possible
Acute toxicity:Dusts	Classifical not possible
Acute toxicity:Mists	Classifical not possible
Skin corrosion/irritation	Classifical not possible
Serious eye damage/eye irritation	Classifical not possible
Respiratory sensitization	Classifical not possible
Skin sensitization	Classifical not possible
Germ cell mutagenicity	Classifical not possible
Carcinogenicity	Out of category
Toxic to reproduction	Category not possible
Specific target organ toxicity(Single exposure)	Category 3 (Respiratory tract irritation)
Specific target organ toxicity(Repeated exposure)	category 1 (inhalation lungs)
Aspiration hazard	Classifical not possible

### Environmental Hazards

Aquatic toxicity(Acute)	Classifical not possible
Aquatic toxicity(Chronic)	Classifical not possible

### GHS label elements

Symbol	
Signal word	Danger
Hazard statement	May cause respiratory tract irritation. Cause damage to lungs through prolonged or repeated exposure.