



KINIK GRINDING WHEEL MATERIAL SAFETY DATA SHEET

PART 1 Product and company information

PRODUCT NAME : VITRIFIED GRINDING WHEELS
Suggested uses and Restrictions on the use : The main tool for grinding
Manufacturers : KINIK COMPANY Address : No.64, Zhongshan Rd., Yingge Dist., New Taipei City 23942, Taiwan (R.O.C.) Telephone : (02)26791931
Emergency Telephone / fax calls : (02)26791931 / (02)26795006

Part 2 Component identification information

29 CFR 1910.1200 Known hazardous substances prescribed					
Item	Yes	No	Item	Yes	No
Flammability		V	Substances harmful to the skin		V
Flammable substances		V	Substances harmful to the eyes		V
Oxidizing substances		V	Toxic agents		V
Explosive substances		V	Toxic substances		V
Instability substance		V	Sensitive material		V
Hydrolysis reaction substance		V	Carcinogen		V
Oxidant		V	Renewable toxin		V
Organic peroxides		V	Blood toxins		V
Corrosive substances		V	Nerve toxin		V
Irritating substances		V	Toxin-induced lung		V
			Toxin-induced liver		V
			Toxin-induced kidney		V

Part 3 Hazard Identification Information

Name or Number : Vitrified grinding wheels			
Contents (synonymous composition): aluminum oxide / SiC / Clay			
Recipe: the artificial diamond / filler + binding agent	Gas Number: N / A	Chemical composition: aluminum oxide / SiC / clay	
Ingredients Hazardous Substances	%	Gas Number	
Harmful matter content no more than 1% (no more than 0.1% carcinogenic)			

Part 4: First aid measures

Emergency treatment	1. First, move smoke Inhalation overexposure patients to fresh air circulation place rescue and contact a physician if necessary. 2. Collisions resulting in injury, properly cleaned and bandaged the wound, consult a doctor if necessary.
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Part 5: Fire-Fighting Measures

Inflammability	LFL :	N/A	Ignition :	N/A	°F	N/A	°C
	UFL :	N/A		Use :	N/A		
Stability	Stable	V	Avoid: N/A				
	Unstable						
Harmful polymers	May occur		Avoid situations : N/A				
	Will not happen	V					



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Incompatibility	Avoid substances: N / A
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Part 6 Accidental Release Measures

Personal precautions	Avoid excessive inhalation of dust, it will result in lung function damage and even occur "pneumoconiosis" or "silicosis".
Treatment method	Collect and process waste without creating dust.

Part 7 Safe disposal and storage

Safe disposal	<ol style="list-style-type: none"> 1. Use according to instructions regarding rotating speed. See OSHA 29 CFR-1910-215 Use of abrasive wheel machinery. 2. Wear protective gear to avoid dust inhalation, means protective equipment to avoid injuries caused by physical contact.
Storage	<ol style="list-style-type: none"> 1. Please store in a dry place and free from mechanical damage, referring to the relevant provisions ANSIB7.1 2. Store in a tightly closed container in a cool and dry place, away from fire. 3. Storage areas should be set up ventilation equipment.

PART 8 Exposure prevention

	Eyes (goggles): Referring to the provisions of OSHA 29 CFR-1910-133
Protective Equipment	Masks: dust masks required.
Type	Gloves: It may require, referring to the provisions of OSHA 29 CFR-1910-132
	Others: Shield class, referring to the provisions of OSHA 29 CFR-1910-134
Ventilation equipment	General Mechanical: can be Localized: the use of local vacuum, maintaining the amount of dust in the waste following TLV

Part 9 physical and chemical aspects of nature

Boiling Point	N/A	°F	N/A	°C	Vapor Density: N / A	Volatile Ingredients: N / A
Vapor Pressure	N/A	mm Hg	N/A	psi	PH: N / A	
Water solubility: insoluble in water			Soluble in substance: N / A		Evaporation rate: N / A	
Appearance :(according to consumer demand)						Physical state: Solid
Odor : (No significant odor)						

Part 10 Stability and reactivity

Stability	Stable under normal conditions
The reaction may harm under special conditions	N/A
The situation should be avoided	High temperatures, the fire source.
Substances to avoid	1.Strong oxidizers 2.alkali metal 3.aldehydes
Hazardous decomposition products	N/A

Part 11 Information on toxicity



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Exposure pathways	When the wheels running, inhalation of dust, skin contact and hand, eye contact, ingestion into
Symptoms	1. Can cause coughing, headache, drowsiness and vomiting and other symptoms when inhaled. 2. Dust can irritate the eyes.
Acute toxicity	Skin: If this was not removed and remain in contact with skin may cause skin irritation and reddening. Ingestion: swallowed a lot will stimulate the stomach, causing vomiting and pain.
Chronic or long-term toxicity	1. Cause dermatitis. 2. Possible damage to health.

Part 12 ECOLOGICAL INFORMATION

Ecotoxicity	When outflow will affect aquatic organisms.
Mobility in soil	No information
Residues or decomposition	No information

Part 13 When disposing of Notes

Waste Disposal Method	According to local or government regulations deal
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Part 14 TRANSPORT INFORMATION

Shipping Method & Notes	Avoid Collision and Dropping.
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Part 15 REGULATORY INFORMATION

Applicable Regulations	1. Occupational Safety and Health Facilities rules. 2. Industrial waste treatment and storage facilities clearance standards. 3. Hazardous materials and hazardous substance general rule.
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Part 16: Other Information

Company Name and Address : KINIK COMPANY No.10 Yen-ping S. Rd. Taipei, Taiwan	Name : C. S. Chiang Signature : <i>C.S. Chiang</i> TITLE: Quality Assurance Department DATE: August.19.2015 EMERGENCY TELEPHONE NO : 886-2-26791931
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