

Preparation Date 2021/01/28

Safety Data Sheet (SDS)

Section 1 – CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier	NEW METAL STRIPS
Product Code	201224-1
Name of Supplier	GC Corporation
Address	76-1 Hasunuma-Cho, Itabashi-Ku, Tokyo, Japan, Postal code 174-8585
Company Contact	Quality Assurance department
Phone Number	81-3-3965-1388
Fax Number	81-3-3965-1276
Restriction on Use	Prohibit use by anyone other than qualified dentistry.

Use for purposes other than those stated in the [Performance, Purpose of use, Efficacy or Effect] of the package insert is prohibited.

Surgeons / patients who have a rash, dermatitis, or other hypersensitivity to this product should discontinue use and seek medical attention immediately.

Section 2 – HAZARDS IDENTIFICATION

GHS Classification of the Chemical

Health Hazards	Respiratory sensitization Category 1 Skin sensitization Category 1 Carcinogenicity Category 2 Specific target organ toxicity (single exposure) Category 2 (respiratory apparatus kidney) Specific target organ toxicity (repeated exposure) Category 2 (respiratory apparatus) Other hazards than mentioned above are Not classified or Classification not possible.
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GHS Label Elements

Pictograms



Signal Word	Danger
Hazard Statements	H317 May cause an allergic skin reaction H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled H351 Suspected of causing cancer H371 May cause damage to respiratory apparatus, kidney H373 May cause damage to respiratory apparatus through prolonged or repeated exposure
Precautionary Statements	
Prevention	Obtain special instructions before use.(P201) Do not handle until all safety precautions have been read and understood.(P202) Do not breathe dust/fume/gas/mist/vapours/spray.(P260) Avoid breathing dust/fume/gas/mist/vapours/spray.(P261) Wash hand thoroughly after handling.(P264)

	Do not eat, drink or smoke when using this product.(P270)
	Contaminated work clothing should not be allowed out of the workplace.(P272)
	Wear protective gloves/protective clothing/eye protection/face protection.(P280)
	Wear respiratory protection.(P284)
Response	IF ON SKIN: Wash with plenty of soap and water.(P302+P352)
	IF INHALED: Remove person to fresh air and keep comfortable for breathing.(P304+P340)
	IF exposed or concerned: Call a doctor.(P308+P311)
	IF exposed or concerned: Get medical advice/attention.(P308+P313)
	Get medical advice and attention if you feel unwell.(P314)
	Specific treatment.(P321)
	If skin irritation or rash occurs: Get medical advice/attention.(P333+P313)
	If experiencing respiratory symptoms: Call a doctor.(P342+P311)
	Take off contaminated clothing and wash it before reuse.(P362+P364)
Storage	Store locked up.(P405)
Disposal	Dispose of contents and container in accordance with local, regional and national regulations (to be specified).(P501)

Section 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Distinction of Substance or Mixture Mixture

Chemical Name or Generic Name	Concentration or Its Ranges	Formula	ENCS No./ISHL No.		CAS RN
			ENCS No.	ISHL No.	
18-8 Stainless steel	Confidential	Confidential	Confidential	Confidential	Confidential
Alundum	Confidential	Confidential	Confidential	Confidential	Confidential

Section 4 – FIRST AID MEASURES

Inhalation	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms call a doctor.
Skin Contact	IF exposed or concerned: Call a doctor. IF ON SKIN: Wash with plenty of soap and water. Take of contaminated clothing and wash before re-use. If skin irritation or rash occurs, get medical advice and attention. Specific treatment.
Eye Contact	IF exposed or concerned: Call a doctor. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion	IF exposed or concerned: Call a doctor. Rinse mouth. IF SWALLOWED: Call a doctor if you feel unwell. IF exposed or concerned: Call a doctor.

Section 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing agent suitable for type of surrounding fire.

Unsuitable Extinguishing Media

When dust occurs, use dry sand.

No information available

Specific Hazards in Case of Fire

Risk of producing harmful gases such as carbon monoxide. Avoid inhalation of smoke or gases.

Specific Fire Fighting

Fight fire from upwind position if possible

Keep away from sources of ignition and use appropriate extinguishing media.

Prohibit unauthorized staff from entering the area around the fire.

Keep unnecessary people away.

Wear respiratory protection.

Special Protective Equipment and Precautions for Fire

Use goggles in combination with dust mask, and another protections as appropriate to situation.

Section 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Wear respiratory protection.

Environmental Precautions

Large spills :Evacuate area.

Ensure adequate ventilation.

Methods and Equipment for Containment and Cleaning Up

Do not discharge into the drains, surface waters or ground water directly.

Sweep or vacuum spills to drums or containers.

Prevention Measures for Secondary Accidents

Keep away from sources of ignition and prepare extinguishing media.

Section 7 – HANDLING AND STORAGE

Handling

Technical Measures

Please comply with this section and the contents of this IFU.

Provide ventilation system and use necessary personal protective equipment as described in "Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION".

Use local exhaust ventilation in case of production of fume or mist.

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Precautions for Safe Handling

Do not eat, drink or smoke when using this product.

Wash hands thoroughly after handling.

Wear respiratory protection.

Wear protective gloves/protective clothing/eye protection/face protection.

Contaminated work clothing should not be allowed out of the workplace.

Do not breathe dust/fume/gas/mist/vapours/spray.

Prevents Handling of Incompatible Substances or Conditions for Safe Storage Refer to "Section 10 – STABILITY AND REACTIVITY".
 Refer to "Section 10 – STABILITY AND REACTIVITY".
 Store locked up.

Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

	Exposure Limits (ACGIH)
Alundum	TWA 1.5 mg/m3(I), STEL – (as Ni Elemental)

Engineering Controls Use local exhaust ventilation in case of production of fume or mist.
 Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Personal Protective Equipment
 Respiratory Protection Wear respiratory protection.
 Hand Protection Wear protective gloves.
 Eye/Face Protection Wear eye protection/face protection.
 Skin and Body Protection Wear protective clothing.

Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State solid
 Form solid (film)
 Colour Coarse grain (blue), medium grain (green), fine grain (gray), ultrafine grain (pink)
 Odour No data available
 Melting Point/Freezing Point No data available
 Boiling Point or Initial Boiling Point and Boiling Ranges No data available
 Flammability Lower Limit No data available
 Lower and Upper Explosion Limit / Flammability Limit Upper Limit No data available
 Flash Point No data available
 Auto-Ignition Temperature No data available
 Decomposition Temperature No data available
 pH No data available
 Kinematic Viscosity No data available
 Solubility No data available
 Partition Coefficient : n-Octanol/Water No data available
 Vapour Pressure No data available
 Density and/or Relative Density No data available
 Relative Gas Density No data available
 Particle Characteristics No data available

Section 10 – STABILITY AND REACTIVITY

Reactivity	No information available
Chemical Stability	No information available
Possibility of Hazardous Reaction	No information available
Conditions to Avoid	No information available
Incompatible Substances or Mixtures	No information available
Hazardous Decomposition Products	No information available

Section 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity	Oral	Classification not possible
	Dermal	Unable to classify
	Inhalation	(gas) Does not fall under gas based on GHS definitions. (vapour) Unable to classify (dust and mist) Unable to classify Unable to classify
Skin Corrosion/Irritation		Unable to classify
Serious Eye Damage/Eye Irritation		Unable to classify
Respiratory Sensitization		Category 1
Skin Sensitization		Category 1
Germ Cell Mutagenicity		Unable to classify
Carcinogenicity		Category 2
Reproductive Toxicity		(Reproductive toxicity) Unable to classify (Reproductive toxicity, effects on or via lactation)
Specific Target Organ Toxicity (Single Exposure)		Unable to classify Category 2(respiratory apparatus, kidney)
Specific Target Organ Toxicity (Repeated Exposure)		Category 2(respiratory apparatus)
Aspiration Hazard		Classification not possible

Section 12 – ECOLOGICAL INFORMATION

Hazardous to the Aquatic Environment, Short-Term (Acute)	Classification not possible
Hazardous to the Aquatic Environment, Long-Term (Chronic)	Classification not possible
Ecotoxicity	No data available
Persistence	No data available
Bioaccumulative Potential	No data available

Mobility in Soil	No data available
Hazardous to the Ozone Layer	Unable to classify

Section 13 – DISPOSAL CONSIDERATIONS

Residual Waste	Before disposal, make the wastes harmless, stabilized, and neutralized, and minimize danger and toxicity of the wastes.
Contaminated Container and Packaging	Dispose of waste in accordance with local, state and federal regulations. Passed to a licensed waste contractor. In case of disposal of empty containers, remove the content thoroughly.

Section 14 – TRANSPORT INFORMATION

International Regulations	Regulatory Information by Sea	Not regulated
	Marine Pollutant	Not applicable
	Liquid Substance Transported in Bulk	Not applicable
	According to MARPOL 73/78, Annex II, the IBC Code	
Regulations in Japan	Regulatory Information by Air	Not regulated
	Regulatory Information by Road	Not regulated
	Regulatory Information by Sea	Not regulated
	Marine Pollutant	Not applicable
	Liquid Substance Transported in Bulk	Not applicable
	According to MARPOL 73/78, Annex II, the IBC Code	
	Regulatory Information by Air	Not regulated
Emergency Response Guide Number		None

Section 15 – REGULATORY INFORMATION

It is recommended to consult the local regulations of the state/region to determine the identification as hazardous material.

Section 16 – OTHER INFORMATION

Information Contact	Described in item 1
Other Property	The information herein is given in good faith, but no warranty expressed or implied, is made.