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PONY-BG186-2-012-1-2017A



30283-XXXX

Report No.: GLICJVPN50999716

MSDS Report



Sample Description

Ceramic Fiber Paper

Applicant

SEW WINNER CO., LTD

Pony Testing International Group
www.ponytest.com

Code: s8zk15jp7

www.ponytest.com ©Hotline 400-819-5688



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Material Safety Data Sheet
 According to: ST/SG/AC.10/30/Rev.6 (GHS)
 Ceramic Fiber Paper

Section 1 - Identification of the substance/preparation and of the company/undertaking

Product Identifier
Product name : Ceramic Fiber Paper **Trade name :** Aluminium Silicate Fiber Paper
Relevant identified uses of the substance or mixture and uses advised against
Identified uses : Heat preservation and heat insulation.
Details of the supplier of the safety data sheet

Section 2 - Hazards Identification

Classification of the substance or mixture
Classification according to GHS
 Carcinogenicity (Category 1B) Specific target organ toxicity - repeated exposure (Category 2)
GHS label elements:

Pictogram



Signal word Danger

Hazard statement(s)

- H350 May cause cancer.
- H373 May cause damage to organs (Lungs) through prolonged or repeated exposure.

Precautionary statement(s)

- P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P304 + P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards

Physical and chemical hazards: See Section 10

Human health hazards: See Section 11

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Environmental hazards: See Section 12

Section 3 – Composition/Information on Ingredient

Component content

Component	CAS No.	Formula	EC No.	Classification	GHS CLASS
Refractories, fibres, aluminosilicate (SiO ₂ 53%, Al ₂ O ₃ 44%, Fe ₂ O ₃ <1.0%)	142844-00-6	Al ₂ O ₃ Si	604-314-4	Carc. Cat. 2 R49 Xn, R48/20	Carc. 1B STOT RE 2 H350 H373

For the full text of H-Statements mentioned in this Section, see Section 16.

Section 4-First Aid Measures

Description of first aid measures

Eye Contact: Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes. Occasionally lifting the upper and lower eyelids. Get medical attention if irritation occurs.

Skin Contact: Immediately wash skin with soap and copious amounts of water. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation develops and persists, seek medical attention.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Wash out mouth with water. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Inhalation: Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if irritation develops or persists.

Personal protective equipment for first-aid responders:

No further relevant information available.

Most important symptoms/effects, acute and delayed:

No further relevant information available.

Indication of immediate medical attention and special treatment needed:

Treat symptomatically.

Section 5 – Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture:

Product is not combustible. Under fire conditions toxic fumes may be released. This material in sufficient quantity and reduced particle size is capable of creating a dust explosion.

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Advice for firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

If packages rupture. Ensure adequate ventilation. Use personal protective equipment. Keep people away from and upwind of spill/leak. Evacuate personnel to safe areas. Spilled or released at long industrial condition: Remove ignition sources, Keep away from heat and flame, evacuate area. Avoid dust formation. Avoid breathing dust. Shut off source of the leak only if it is easy to do so. Do not get water inside containers.

Environmental precautions

Keep spilled material out of sewers, ditches and bodies of water.

Methods and materials for containment and cleaning up

Sweep up and place in suitable containers for recycle or disposal according to local / national regulations (see section 13). Keep in suitable, closed containers for disposal.

Reference to other sections

See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

Section 7 - Handling and Storage

Precautions for safe handling

Dust generated in handling of this product can be explosive if sufficient quantities are mixed in air. In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Avoid breathing dust. Avoid physical damage to the container. Ground and bond containers when transferring material. Take necessary action to avoid static electricity discharge. Do not eat, drink or smoke while handling the product. Keep away from incompatibles such as oxidizing agents, acids, alkalis. Do not allow water to get into the container.

Conditions for safe storage, including any incompatibilities

Keep away from heat and flame. Store in a cool, dry, well-ventilated away from incompatible substances. Store in a tightly closed container. Keep away from moisture and water. Keep out of the reach of children.

Specific end uses

No data available

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure limits:

Occupational Exposure Limits (OEL)



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Source	Ingredient	Material name	TWA
US OSHA Permissible Exposure Levels (PELs) - Table Z1	Aluminosilicate fibres	Silicates - Mica/ Silicates - Soapstone/ Silicates- Soapstone / Silicates - Talc / Silicates - Tremolite, asbestiform	0.1 mg/m ³
US OSHA Permissible Exposure Levels (PELs) - Table Z3	Aluminosilicate fibres	Silicates: Mica / Silicates: Soapstone / Silicates: Talc / Silicates: Tremolite, asbestiforms	0.1 f/cc / 20 mppcf

Emergency Limits

Ingredient	TEEL-1	TEEL-2	TEEL-3
Refractories, fibres, aluminosilicate	3mg/m ³	33mg/m ³	200mg/m ³

Engineering Controls

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Personal Protective Equipment

Eyes Protection: If operating conditions create dust that is not adequately controlled, wear appropriate goggles.
Skin Protection: For prolonged or repeated contact use protective gloves.

Body Protection: Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respirators Protection: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Other Protection: Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. To maintain good health habits.

Section 9 - Physical and Chemical Properties

Physical State	Fibrous solid
Colour	White
Odour	Odorless
pH	No data available
Melting point/freezing point	No data available
Boiling point or initial boiling point and boiling range	No data available
Flash point	Not applicable
Flammability (solid, gas)	No data available
Lower and upper explosion limit/ flammability limit	No data available
Vapour pressure	No data available
Relative vapour density	No data available
Density/Relative density	No data available



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Solubility	Insoluble
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Particle characteristics	No data available

Section 10 - Stability and Reactivity

Reactivity	No data available
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	
Hazardous Polymerization	Will not occur.
Hazardous Reactions	None under normal processing.
Conditions to avoid	Incompatible materials. Avoid dust formation, ignition sources, exposure to moist air or water.
Incompatible materials	Strong oxidizing agents, Strong acids, Strong bases.
Hazardous decomposition products	Under fire conditions toxic fumes may be released.

Section 11 - Toxicological Information

Information on toxicological effects	
Acute toxicity:	No data available
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	
Refractories, fibres, aluminosilicate - IARC: 2B - Group 2B: Possibly carcinogenic to humans.	
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	May cause damage to organs through prolonged or repeated exposure. - Lungs
Aspiration hazard	No data available
Potential Health Effects	
Eye: Dusts or particulates may cause mechanical irritation including pain, tearing, and redness. Scratching of the cornea can occur if eye is rubbed.	
Skin: Dusts or particulates may cause mechanical irritation due to abrasion. Do not get onto broken skin. It will contaminate the wound.	
Ingestion: Ingestion is an unlikely route of exposure; no hazard in normal industrial use. If ingested in sufficient quantity may cause injury such as gastrointestinal disturbances. Symptoms may include irritation, nausea,	

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vomiting, abdominal pain, and diarrhea. May be a choking hazard.

Inhalation: Inhalation of airborne dust may cause irritation to the mucous membrane and upper airways. Symptoms of exposure can include coughing, sneezing and breathing difficulties. Inhalation of dust may aggravate a pre-existing respiratory condition such as asthma, bronchitis, emphysema. May cause pulmonary fibrosis and permanent damage. Repeated or prolonged inhalation may cause lung damage.

Signs and Symptoms of Exposure

There is ample evidence that this material can be regarded as being able to cause cancer in humans based on experiments and other information. Danger of serious damage to health by prolonged exposure through inhalation. This material can cause serious damage if one is exposed to it for long periods. It can be assumed that it contains a substance which can produce severe defects. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information

RTECS#: CAS# 142844-00-6: Unlisted

Section 12 - Ecological Information

Toxicity	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Results of PBT and vPvB assessment	No data available
Other adverse effects	Do not empty into drains.

Section 13 - Disposal Considerations

Waste treatment methods

Waste from Residues / Unused Products: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

Contaminated packaging: Contaminated packaging material should be treated equivalent to residual chemical. Clean packaging material should be subjected to waste management schemes (recovery recycling, reuse) according to local legislation.

Section 14 - Transport Information

	IATA	IMDG	RID/ADR
Proper shipping name	Not regulated	Not regulated	Not regulated
Hazard class	/	/	/
Un number	/	/	/
Packing group	/	/	/



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Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulatory information: Reference to the local, national, US, EU, CA and international

Canada
 CAS# 142844-00-6 is not listed on Canada's DSL and NDSL List.

US Federal
Toxic Substance Control Act (TSCA)
 CAS# 142844-00-6 is not listed on the TSCA Inventory.

China
Inventory of Existing Chemical Substances Produced or Imported in China (IECSC)
 CAS# 142844-00-6 is listed on the IECSC Inventory.

Section 16 - Additional Information

MSDS Creation Date: May 23, 2017

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Text of H-code(s) and mentioned in Section 3

Carc. 1B: Carcinogenicity (Category 1B)

STOT RE 2: Specific target organ toxicity - repeated exposure (Category 2), Lungs

H350 May cause cancer.

H373 May cause damage to organs (Lungs) through prolonged or repeated exposure.

Other Information:

ACGIH:(American Conference of Governmental Industrial Hygienists); CAS:(Chemical Abstracts Service); DSL:(the Domestic Substances List of Canada); EC:(European Commission); IARC:(International Agency for Research on Cancer); IATA:(International Air Transport Association); IMDG:(International Maritime Dangerous Goods); ADR:(European Agreement Concerning the International Carriage of Dangerous Goods by Road); RID:(Regulations Concerning the International Carriage of Dangerous Goods by Rail); LD50:(Lethal dose, 50 percent kill); NDSL:(the Non-domestic Substances List of Canada); NIOSH:(US National Institute for Occupational Safety and Health); NTP:(US National Toxicology Program); OSHA:(US Occupational Safety and Health); PEL:(Permissible Exposure Level); REL:(Recommended Exposure Limit); RTECS:(Registry of Toxic Effects of Chemical Substances); STEL:(Short Term Exposure Limit); TDG:(Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations); TSCA:(Toxic Substances Control Act of USA); IECSC:(Inventory of Existing Chemical Substances Produced or Imported in China); TWA:(Time Weighted Average); TLV:(Threshold Limit Value)



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