

Date: May 2nd, 2016

Product Safety Data Sheet

1. Product and company overview

Product name	PL chip
Product code	TC0201
Company name	Fujimori Kogyo Co., Ltd.
Address	10/F Shinjuku First West 1-23-7 Nishi-Shinjuku, Shinjuku-ku, Tokyo 160-0023
Tel	03-6381-4211 (representative)
Department in charge	Fujimori Kogyo Co., Ltd., Life science head office, Business development (IVD) Tel 03-6381-4226 Fax 03-5909-5734

2. Summary of hazards

GHS classification	
Physical hazards	N/A
Health hazards	N/A
Acute toxicity	Not classified
Environmental hazards	N/A
Label element	
Picture indication or symbol	N/A N/A
Warning statements	N/A
Hazardous venom information	

3. Components and component information

Single product / compound classification	Compound
Chemical name or general name	Polypropylene resin compound Polypropylene (CAS No.9003-07-0) 20-95%, thermoplastic elastomer (CAS No.9010-79-1) 5-80% contained, milky white, slightly opaque, odorless, insoluble in water, stable under normal environmental condition Collagen Coating water solution containing collagen (CAS No.9007-34-5), lightly clouded viscous liquid,

	almost no odor, easily soluble in water, stable under cold condition
4. Emergency measure	
Inhalation	See a doctor if necessary.
Adhesion to the skin	Wash out the contacted part sufficiently with water and soap. If symptoms such as itching and inflammation arise, immediately see a doctor.
Entered in the eye	Wash the eye sufficiently with running water, and see a doctor if necessary.
Swallowing	Wash the mouth with water. Do not force to spit out, and see a doctor if necessary.
Protection of the person performing emergency measures	Not necessary in particular.
5. Fire emergency measures	
Fire extinguishing agent	Water, powder, carbon dioxide, form fire extinguisher
Prohibited fire extinguishing agent	No information
Specific hazards in fire	In combustion, carbon monoxide and carbon dioxide are generated.
Specific extinguishing measure	Quickly move the container to a safe location. If that's not possible, sprinkle water over the container and around the container. Put out the fire from the windward using a fire extinguisher.
Protection of the person extinguishing the fire	Wear a respiratory protector, extinguish the fire from the windward avoiding inhalation of toxic gases (carbon monoxide, carbon dioxide).
6. Leakage measures	
Precautions to the human bodies, protectors and emergency measures	Not necessary
Precautions to the environment	Not necessary
Containment and purification measures, and equipment	Collect leaked element in an empty container.
7. Caution on handling and storage	
Handling	Avoid fire and high temperature. For the static electricity measure, install a ground to the device and equipment.

Storage	<p>Wash hands and face well after handling the chip.</p> <p>Avoid direct sunlight, water leak and locations with high temperature and humidity, and store in a cold place.</p> <p>To avoid catching fire, store in locations away from fire and heat source.</p> <p>Pay attention not to cause collapse of cargo and damage to the container.</p> <p>According to the quantity (more than 3000kg), follow the guidance of your municipality as stipulated in the Fire Services Act in Japan.</p>
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8. Exposure prevention and protection measures

Standard control concentration	Not established
Allowable concentration	Not established by Japan Society of Occupational Health and ACGIH.
Facility measures	Not necessary in particular
Protectors	Not necessary in particular

9. Physical and chemical nature

Physical shape, attribute, color, etc.	Milky white and slightly opaque solid
Smell	Odorless
Solubility	Insoluble in water
Other characteristics	No information

10. Stability and reactivity

Stability	Stable under normal conditions.
Conditions to avoid	Avoid rainwater and direct sunlight, and store in the room. Keep away from fire and heat source.
Hazardous materials for mixed melting	No information
Dangerous and harmful decomposition product	No information

11. Toxicity information

Acute toxicity	No information
Skin corrosion and skin irritation	No information
Grave clastogenicity or irritation to eyes	No information
Respiratory or skin sensitization	No information

Reproductive cell mutagenicity	No information
Carcinogenicity	No information
Reproductive toxicity	No information
Specific target organ toxicity, single exposure	No information
Specific target organ toxicity, repeated exposure	No information
Aspiration respiratory or toxicity	No information

12. Environmental influence information

Persistence / degradability	No information, but persistence is considered high due to the contained component information in the product.
Bioaccumulation potential	No information, but bioaccumulation potential is considered none due to the contained component information in the product.
Ecotoxicity	No information, but ecotoxicity is considered extremely low due to the contained component information in the product.

13. Caution on disposal

Disposal method	Reclaim and burn according to the "Waste Management and Public Cleaning Act" in Japan.
Act to be observed in disposal	Dispose according to the "Waste Management and Public Cleaning Act" in Japan and other municipal ordinances.

14. Caution on transportation

International standard of transportation	N/A to the dangerous substance determined by the United Nations.
Japanese regulation	Fire Services Act in Japan, designated combustibles

15. Applicable law

Fire Services Act in Japan	Designated combustible: Synthetic resin (Designated quantity: 3000kg)
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16. Other information

Although entry contents are created based on the currently acquired materials and information, we do not have any guarantee regarding the data and evaluation contained here. Since entry contents apply for general handling, please perform additional safety measures applicable to the new intended use and usage if you handle the device with specificity.