SAFETY DATA SHEET

Issuing Date	6/1/2015	**Revision Date**	6/1/2015	**Revision Number**	1

1. IDENTIFICATION

Product Identifier

Product Name GX100's, GX1007, GX1017, GX101's

Other means of identification

Synonyms NONE

Recommended use of the chemical and restrictions on use

Recommended use Writing Instrument

Uses advised against

Details of the supplier of the safety data sheet

Supplier Name Yasutomo Inc.

Supplier Address 1805 Rollins Road
Burlingame, CA
94010

Supplier Phone Number 650 737 8888

Supplier Email yasutomo490@gmail.com

Emergency telephone number 650 737 8888

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

1,2-BENZISOTHAZOL-3-(2H)-ONE	2634-33-5
ALUMINUM PASTE	7429-90-5
TITANIUM DIOXIDE	13463-67-7

Emergency Overview

Signal word Danger

Hazard Statements

H302 - Harmful if swallowed.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H318 - Causes serious eye damage.

May Cause Cancer

Appearance Liquid **Physical State** Liquid **Odor** None

Precautionary Statements - Response

Eyes

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin

Wash off with soap and plenty of water.

Ingestion

If inhaled, move person into fresh air. If problems persist, consult a physician.
If swallowed, rinse mouth with water. If problems persist, consult a physician.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%	Trade Secret
1,2-BENZISOTHAZOL-3-(2H)-ONE	2634-33-5	**0%-10%**	*
ALUMINUM PASTE	7429-90-5	**5%-15%**	*
TITANIUM DIOXIDE	13463-67-7	**5%-15%**	*

* The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures

General Advice

Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin Contact Wash off with soap and plenty of water.

Inhalation If inhaled, move person into fresh air. If problems persist, consult a physician.

Ingestion If swallowed, rinse mouth with water. If problems persist, consult a physician.

Most Important symptoms and effects, both acute and delayed N/A

Indication of any immediate medical attention and special treatment needed N/A

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray, alcohol-resistant foam, dry chemical, carbon dioxide

Unsuitable extinguishing media

N/A

Specific Hazards Arising from the Chemical

N/A

Protective equipment and precautions for firefighters

Wear self contained breathing apparatus for fire fighting if necessary

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

Do not attempt to take action without suitable protective clothing (gloves, goggles, no skin showing, face protection)

Environmental Precautions

Do not discharge into drains or rivers. Contain the spillage using bunding.

Methods and material for containment and cleaning up

Mix with sand or vermiculite.

Methods for cleaning up

Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling

Wash hands thoroughly after handling.

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

Avoid release to the environment.

Conditions for safe storage, including any incompatibilities

Store in cool, well ventilated area. Keep container tightly closed. Store cold.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

N/A

Individual protection measures, such as personal protective equipment

Eye/Face Protection	Safety glasses with side-shields
Skin and Body Protection	Handle with gloves. Wear protective clothing.
Respiratory Protection	Use breathing protection with high concentrations
Hygiene Measures	Wash and dry hands.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State			
Appearance	Liquid	**Odor**	None
Color	Black	**Odor Threshold**	N/A

Property	**Values**	**Remarks Method**
pH	9	
Melting/Freezing point	154-158 C	
Boiling point / boiling range	> 90 C	
Flash Point	No flash under 110 C	
Evaporation Rate	NA	
Fammability (solid, gas)	NA	
Flammability Limit in Air	NA	
Upper flammability limit	NA	
Lower flammability limit	NA	
Vapor pressure	NA	
Vapor density	NA	
Specific Gravity	NA	
Water Solubility	Slightly	
Solubility in other solvents	NA	
Partition coefficient:	NA	
Autoignition temperature	NA	
Decomposition temperature	NA	
Kinematic viscosity	NA	
Dynamic viscosity	NA	
Explosive properties	NA	
Oxidizing Properties	NA	

10. STABILITY AND REACTIVITY

Reactivity

No unusual reactivity

Chemical Stability

Stable under normal conditions

Possibility of Hazardous Reactions

No hazardous reactions known

Conditions to avoid

No specific conditions to avoid

Incompatible materials

Oxidizing agents

Hazardous Decomposition Products

In combustion emits toxic fumes of carbon dioxide/monoxide, sulphur oxides, and nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
1,2-BENZISOTHAZOL-3-(2H)-ONE	(Rat) 1,020 mg/kg	NA	NA
TITANIUM DIOXIDE	(Rat) 5000 mg/kg	(Rabbit) 10000 mg/kg	(Rat) 6.82 mg/l

In lifetime inhalation studies rats were exposed for 2 years to respectively 10, 50 and 250 mg/m3 of respirable TiO2. Slight lung fibrosis was observed at 50 and 250 mg/m3 levels. Microscopic lung tumours were also observed in 13 percent of the rats exposed to 250 mg/m3, an exposure level that caused lung overloading and impairment of rat lungs clearance mechanisms. In further studies, these tumours were found to occur only under particle overload conditions in a uniquely sensitive species, the rat, and have little or no relevance for humans. The pulmonary inflammatory response to TiO2 particles exposure was also found to be much more severe in rats than in other rodent species. In February 2006, IARC has re-evaluated Titanium dioxide as pertaining to Group 2B: "possibly carcinogenic to humans", based upon inadequate evidence in humans and sufficient evidence in experimental animals for the carcinogenicity of titanium dioxide. IARC evaluation guidelines consider the generation of tumours, in 2 different studies within the same animal species, to be adequate criteria for an assessment of sufficient evidence. The conclusions of several epidemiology studies on more than 20000 TiO2 industry workers in Europe and the USA did not suggest a carcinogenic effect of TiO2 dust on the human lung. Mortality from other chronic diseases, including other respiratory diseases, was also not associated with exposure to TiO2 dust. Based upon all available study results, DuPont scientists conclude that titanium dioxide will not cause lung cancer or chronic respiratory diseases in humans at concentrations experienced in the workplace.

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
1,2-BENZISOTHAZOL-3-(2H)-ONE		LC50 .8mg/l-96h		EC50 4.4mg/l - 48h
TITANIUM DIOXIDE	EC50 61mg/l	LC50 >1000mg/l		EC50 >1000mg/l

Persistance and Degradability

NA

Bioaccumulation

NA

Other adverse effects

Do not allow product to reach ground water, water bodies or sewage system, even in small quantities.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal methods

Disposal must be made according to official regulations

14. TRANSPORT INFORMATION

DOT NA
TDG NA
MEX NA
ICAO NA
IATA NA
IMDG/IMO NA
RID NA
ADR NA
AND NA

15. REGULATORY INFORMATION

Product is not subject to any additional regulations or provisions.

16. OTHER INFORMATION

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet