

MATERIAL SAFETY DATA SHEET

Product Name	VIBEAD W2BLACK
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1. Chemical product and company identification

1.1 Product Name VIBEAD W2BLACK

1.2 Recommended use of the chemical and restrict of use

Recommended use of the chemical cosmetic ingredient

Restrict of use Not Available

1.3 Details of the supplier

Company Name ABC NANOTECH CO., LTD.

Address 551 Yongsan-Dong, Yuseong-Gu, Daejeon City 305-500, KOREA

Emergency telephone number +82-42-936-9001

Fax number +82-42-936-9006

2. Hazards identification

Classification of the substance or mixture This material is not classified as dangerous according to European Regulation.

Label elements

Hazard Pictogram Not applicable

Signal Words Not applicable

Hazard Statement Not applicable

Precautionary Statement

P264 Wash thoroughly after handling

P302+P352 IF ON SKIN: Wash with plenty of soap and water

P332+P313 If skin irritation occurs: Get medical advice/attention

P362 Take off contaminated clothing and wash before reuse

GHS Classification

Health 1

Flammability 0

Reactivity 0

3. Composition/information on ingredients

Ingredient	CAS No.	Content(%)
Titanium Dioxide	13463-67-7	40.0 ~ 60.0
CI 77499	1317-61-9	25.0 ~ 45.0
Mica	12001-26-2	7.0 ~ 13.0
Styrene/acrylates Copolymer	9010-92-8	2.5 ~ 3.5
Sucrose	57-50-1	0.5 ~ 1.5
Cellulose Gum	9004-32-4	0.5 ~ 1.5

4. First aid measures

Eye Contact If it get into eye, take a medical examination and care immediately

	After contact with the eyes, rinse with water more than fifteen minutes
Skin Contact	If clothing and shoes are contaminated, wash them before reuse rinse with soap more than fifteen minutes and get rid of it.
Inhalation	Get medical attention immediately
Ingestion	If many amounts of chemicals are ingested, get a medical attention
Medical attention	Health professional recognize chemical and do the protective action

5. Fire-fighting measures

Suitable extinguishing media	Using foamal alcohol, carbon dioxide ,water fog, dry sand
Specific hazards during firefighting	No data
Special protective equipment for fire-fighters	If situation is safe, move the bottle from fire area. Avoid ingestion of this product or combustion of it Avoid lowland and hold the wind.

6. Accidental release measures

Personal precautions	No data
Environmental protection	No data
Methods and material for containment and clean up	No data

7. Handling and storage

Handling	Work refer to engineering supervision and personal protective equipment Keep container tightly closed use at a well ventilated place
Storage	Bottle is tightly closed and keep a well ventilated place

8. Exposure controls/personal protection

Control parameters	
Internal regulations	
Diatomaceous Earth	No data
ACGIH regulations	No data
Biological limit values	No data
Appropriate engineering controls	Not applicable
Personal protective equipment	
respiratory system protect	Use a qualified respiratory protector
eye protect	Install a wah up system and a emergency cleaning shower system
hand protect	No data
body protect	No data

9. Physical and chemical properties

9.1 Appearance	
Form	Granulate
Colour	Whitish
9.2 Odor	Characteristic Odor
9.3 pH	6.0–10.0

9.4 Melting Point	Not applicable
9.5 Boiling Point	No data
9.6 Flash Point	No data
9.7 evaporating rate	No data
9.8 Flammability(Solid, Gas)	Not applicable
9.9 Vapor Pressure	No data
9.10 Solubility	No data
9.11 Vapor Density	Not applicable
9.12 Specific Gravity	No data
9.13 spontaneous ignition point	No data
9.14 Decomposition Point	No data
9.15 Viscosity	No data
9.16 Molecular Weight	No data

10. Stability and reactivity

10.1 Chemical stability	Stable at room temperature and normal pressure
10.2 Condition to be avoided	No data
10.3 Substances to be avoided	No data
10.4 Hazardous decomposition products	No data

11. Toxicological information

11.1 Information of exposed path	No data
11.2 Information on toxicological effects	
Acute toxicity	
oral	
Titanium Dioxide	LD50 > 10000 mg/kg Rat
Iron Oxide	LD50 > 10000 mg/kg Rat
Sucrose	LD50 29700 mg/kg Rat
Cellulose Gum	LD50 27000 mg/kg Rat
dermal	No data
Titanium Dioxide	LD50 > 10000 mg/kg Rabbit
Cellulose Gum	LD50 > 2000 mg/kg Rabbit
inhalation	No data
Skin irritation	No data
Eye irritation	No data
Respiratory system irritation	No data
Skin hypersensitiveness	No data
Carcinogenicity	No data
Korean Industrial Safety and Health Act	No data
Korean labor notification	No data
IARC	No data
NTP	No data
OSHA	No data
EU CLP	No data
ACGIH	No data

Germ cell mutagenicity	No data
Reproduction toxicity	No data
Target organ toxicity(once exposure)	No data
Target organ toxicity(long term exposure)	No data
Aspiration Harmfulness	No data

12. Ecological information

12.1 Ecological toxicity

Fish	No data
Crustacean	No data
Birds	No data

12.2 Persistency and degradability

Persistency	
Degradability	No data

12.3 Bio-condensability

Condensability	No data
Biodegradability	No data

12.4. Et cetera harm influence	No data
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13. Disposal considerations

Dispose in accordance with all applicable regulations.

14. Transport information

14-1. International regulations

Air transportn IATA	Not applicable
Marine transport IMDG	Not applicable
UN Number	Not applicable
UN Proper shipping name	Not applicable
Transport hazard	Not applicable
Packing Group	Not applicable
Environmental hazard	
Marine Pollutant	Not applicable

15. Regulatory information

Please refer to (any other) national measures that may be relevant.

16. Other information

Data reference

This GHS SDS is based on the each ingredient's GHS SDS information which is offered from the KOSHA (Korea Occupational Safety and Health Agency) and it is modified under Article 41 of occupation safety and health acts, Notice No.2012-14 of the Ministry of Labor and Notice No. 2013-2 of the Ministry of Food and Drug Safety.

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Others

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