

MATERIAL SAFETY DATA SHEET

Product Name**VIBead W2BROWN**

1. Chemical product and company identification

1.1 Product Name

1.2 Recommended use of the chemical and restrict of use

Recommended use of the chemical Cosmetic use

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

2. Hazards identification

Hazard-Risk Classification Not applicable for GHS classification.

Label elements including precautionary statements

Hazard Pictogram Not applicable

Signal Words Not applicable

Hazard Statement Not applicable

Precautionary Statement

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Avoid Inhaling of (dust • hum • gas • mist • spray • stem)

Use personal protective equipment as required

Store in a well ventilated place. Keep container tightly closed

Dispose of contents/container to relative regulations

Other Hazard-Risk which are not included in the classification criteria

Health 1

Flammability 0

Reactivity 0

3. Composition/information on ingredients

INCI Name	CAS number	Content (%)
Titanium Dioxide	13463-67-7	40.0 ~ 60.0
Iron Oxide CI 77492	20344-49-4	15.0 ~ 25.0
Mica	12001-26-2	7.0 ~ 13.0
Iron Oxide CI 77491	1309-37-1	7.0 ~ 13.0
Iron Oxide CI 77499	1317-61-9	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
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ACGIH regulations	No data
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Biological limit values	No data
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Appropriate engineering controls	Not applicable
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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 5.0~9.0

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

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

13. Disposal considerations

Disposal method

Disposal should be made in accordance with federal, state and local regulations.

Disposal precaution

(According to the related laws) dispose the container and contents..

14. Transport information

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

Korea regulation

POPs Control act	
Industrial Safety and Health Act	Not applicable.
Toxic Chemical Control Act	Not applicable.
Dangerous Material Safety Control Act	Not applicable.
Wastes Management Act	Not applicable.

International regulation

US Administration Information	
OSHA regulation	Not applicable.
CERCLA regulation	Not applicable.
EPCRA 302/304/313 regulation	Not applicable.
Rotterdam agreement substance	Not applicable.
Stockholm agreement substance	Not applicable.
Montreal Protocol substance	Not applicable.
CALIFORNIA PROPOSITION 65	Not applicable.
EU classification information	
Confilm classification result	Not applicable.
Danger word	Not applicable.
Safety word	Not applicable.

16. Other information**Information source and references**

Korea occupational safety & health agency
 Ecological Structure Activity Relationships(ECOSAR)
 Quantitative Structure Activity Relation(QSAR)

Issuing date

01-Aug-15

Revision number

0.1

Last revision date

11-Aug-16

others

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