

Material Safety Data Sheet

Version 1.0
Date 07/07/2014

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Linker beads (Epoxy beads)
Product number : TAS8848 N1110
Product uses : For in vitro research use
Physical state : Suspension
Company : Tamagawa Seiki Co., Ltd.
Telephone : +81 265-21-0501
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Name : Magnetic nanoparticles
Composition : The magnetic nanoparticles consist of ferrite nanoparticles coated with polymer layer.
CAS-No. :
The product contains no substances which at their given concentration, are considered to be hazardous to health.

3. HAZARDS IDENTIFICATION

Classification :
Indication of danger : Not hazardous

4. FIRST AID MEASURES

General advice

Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

Move person into fresh air.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Rinse thoroughly with plenty of water.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use water spray, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters

Wear self-contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Use personal protective equipment.

Methods for cleaning up

Soak up with inert absorbent material.

7. HANDLING AND STORAGE

Handling

No special handling advice required.

Storage

Keep in properly labeled containers. Keep in a cold and dark place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection

In case of insufficient ventilation wear suitable respiratory equipment.

Hand protection

Handle with gloves.

Eye protection

Safety glasses.

Skin and body protection

Personal protective clothing.

Hygiene measures

Avoid contact with skin, eyes and clothing. Wash hands after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form	Liquid (Suspension)
Colour	Brown

Safety data

pH	no data available
Melting point	no data available
Boiling point	no data available
Flash point	no data available
Ignition temperature	no data available
Lower explosion limit	no data available
Upper explosion limit	no data available
Water solubility	insoluble

10. STABILITY AND REACTIVITY

Storage stability

Stable under recommended storage conditions.

Conditions to avoid

Avoid light.

Hazardous decomposition products

No information available

11. TOXICOLOGICAL INFORMATION

Acute toxicity

No information available

Potential Health Effects

No information available

12. ECOLOGICAL INFORMATION

Elimination information (persistence and degradability)

no data available

Ecotoxicity effects

no data available

Further information on ecology

no data available

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

International transport regulations

Not classified

15. REGULATORY INFORMATION

In accordance with local and national regulations

16. OTHER INFORMATION

Further information

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The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Tamagawa Seiki Co., shall not be held liable for any damage resulting from handling or from contact with the above product.