

VS P-RBW Beads

Cat# TCB-RBW001-1, TCB-RBW001-2

rev. 4/25

SECTION 1: PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: VS P-RBW Beads
PRODUCT CODE: TCB-RBW001-1
MANUFACTURER: ThinkCyte Inc.
ADDRESS: 1100 Island Drive, Redwood city, CA 94065
WEBSITE: <https://thinkcyte.com/>

SECTION 2: HAZARD IDENTIFICATION

Classification of substance or mixture: Not classified as hazardous according to Regulation (EC) 1272/2008 (CLP/GHS) or Directive 67/548/EEC as amended.

Caution: This substance has not been fully tested (EC).

Inhalation (power/mists): May be harmful if inhaled. May cause upper respiratory tract & mucous membrane irritation.

Skin and Eyes: May cause skin and eye irritation.

Ingestion: May be harmful if swallowed.

Environmental: May be harmful to the environment.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

The product contain Sodium Azide at a concentration of 0.02%(T+; R28 R32 N)

SECTION 4: FIRST AID MEASURES

Inhalation: Immediate fresh air & rest.

Keep under observation and if breathing becomes difficult seek immediate medical attention. Resuscitate if breathing stops.

Skin Contact: Remove contaminated clothes. Rinse skin with plenty of water or shower. Refer for medical attention.

Eye Contact: First rinse with plenty of water for at least 10 minutes (remove contact lenses if easily possible), ensure lids remain open during flushing, and then seek immediate medical attention.

If Swallowed: Rinse mouth with water, but do not swallow mouthwash. Do not induce vomiting. Give plenty of water to drink (ONLY IN CONSCIOUS PERSONS).

SECTION 5: FIRE-FIGHTING MEASURES

Forms combustible solid if allowed drying out. Emits corrosive & toxic fumes, including oxides of carbon, & nitrogen during combustion.

Extinguishing Method: Use foam extinguishers or water spray.

Special Fire Fighting Procedure: Wear self contained breathing apparatus with full face shield operated in positive pressure mode, MSHA/NIOSH (approved or equivalent), and full protective gear.

Unusual Fire Hazards and Explosion hazards: May produce black acrid smoke if burned.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Clean up spills using an absorbent, non-combustible material and gather up placing in a clean closed container for disposal. Do not wash away into sewers.

SECTION 7: HANDLING AND STORAGE

Handle with PPE. Avoid direct skin contact. Store at room temperature or at 2-8°C

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters. No components above the 0.1% threshold have specific workplace control parameters assigned to our knowledge. Local mechanical ventilation is not required as supplied, but this is also dependent on other mobile phases and analytes used. Always use a fume cupboard if handling as the liquid component may become airborne.

Personal Protective Equipment: Respiratory protection: If required to control exposure, use only suitable respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand Protection: Suitable impervious gloves (e.g. Nitrile or Neoprene rubber). The selected protective gloves have to conform to EN 374.

Eye Protection: Safety glasses with side-shields conforming to EN 166.

Hygiene measures: Avoid contact of contents with skin, eyes, and clothing. Wash hands before breaks and immediately after handling the product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Dilute suspension of Polystyrene beads stained with organic dye in water with 0.01% NP40 substitute and 0.02% Sodium Azide as preservative.

Color: Cloudy

Boiling Point: 100 °C / 212 °F

Melting Point: No information available.

Decomposition temperature: No information available.

SECTION 10: STABILITY AND REACTIVITY

Extreme heat Materials to avoid: Strong oxidizing agents, bases

Hazardous Decomposition: Monomer may be formed if heated to high temperatures. May release toxic fumes including oxides of carbon and nitrogen.

Hazardous Polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION**UNITED STATES**

1100 Island Drive, STE 203 Redwood City, CA

JAPAN

7-3-1 Hongo, Bunkyo, Tokyo

THINKCYTE.COM

Routes of Exposure-

Inhalation: May be harmful if inhaled

Skin contact: May cause skin irritation

Skin Absorption: May be harmful if absorbed through skin.

Ingestion: May be harmful if swallowed.

SECTION 12: ECOLOGICAL INFORMATION.

To the best of our knowledge, the ecotoxicological properties of this mixture have not been fully investigated. However, the liquid may be harmful to the environment depending on the quantity and dilution involved

SECTION 13: DISPOSAL CONSIDERATIONS

Methods of disposal must meet all local, federal, and state laws.

IATA, IMO/IMDG, ADR/RID, US-DOT: Not classified as hazardous for any mode of transport. Not regulated in the meaning of transport regulations.

Number: Not Applicable.

UN proper shipping name: Not Applicable.

Transport hazard class(es): Not Applicable.

Packing group: Not Applicable.

Environmental hazards: Not Applicable.

Special precautions for user: Not Applicable

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not Applicable

SECTION 14: REGULATORY INFORMATION

US (TSCA) Manufactured for Research and development only.

Note: Chemical substances that are manufactured or imported in small quantities solely for the use in Research and Development are not subject to the notification requirements of the Toxic Substance Control Act (TSCA), 15 USC 2604 (h) et seq. Reference – 40CFR720.36
CAS# 026628-22-8 is listed on the TSCA Inventory

SECTION 15: OTHER INFORMATION:

Not Applicable.

DISCLAIMER: 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. Thinkcyte, shall not be held liable for any damage resulting from handling or from contact with the above product.