1. IDENTIFICATION

**Product identifier**

**Product name:** VERSOCIT-2 POWDER  
Cat. No. 40200090, 40200089

**Container size:** 750 g, 3 kg

**Recommended use and restrictions on use**

**Application:** For embedding of materialographic specimens

**Details of the supplier of the safety data sheet**

**Supplier:** Struers Ltd  
7275 West Credit Avenue  
Ontario L5N 5M9 Mississauga  
Canada  
Tel: +1 (905) 8148855

**Responsible for safety data sheet authoring:** Responsible for safety data sheet authoring: DHI

Any questions to the contents of this safety data sheet should be sent to: struers@struers.dk

**Emergency telephone number**

Alberta & NWT:  
Poison & Drug Information Service (PADIS): 1-800-332-1414

British Columbia:  
Drug and Poison Information Centre (DPIC): 604-682-5050 / 1-800-567-8911

Ontario:  
Poison Centre: 1-800-268-9017

Québec:  
Poison Control Centre: 1-800-463-5060

Infotrac:  
1-800-535-5053

Struers CAN:  
+1 (905) 8148855  
(Only during office hours)
2. HAZARDS IDENTIFICATION

Classification of the hazardous product

WHMIS 2015: Reproductive Toxicity — Category 1B

Label elements

(*)

Danger

H360 May damage fertility or the unborn child.
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P280 Wear protective gloves/protective clothing/eye protection/face protection
P308 + P313 IF exposed or concerned: Get medical advice/attention.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local regulations.

Other hazards

Contains Dicyclohexyl phthalate, Dibenzoyl peroxide, Methyl methacrylate. May produce an allergic reaction.
Fine particles may form explosive vapor/air mixtures. May cause minor irritation on skin contact.

PBT/vPvB: No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

The product contains: polymer.
4. FIRST-AID MEASURES

**Description of first-aid measures**

**Inhalation:** Move injured person into fresh air and keep person calm under observation. If uncomfortable: Seek hospital and take along these instructions.

**Skin contact:** Remove contaminated clothing immediately and wash skin with soap and water. In case of rashes, wounds or other skin disorders: Seek medical attention and bring along these instructions.

**Eye contact:** Immediately flush with plenty of water for at least 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Continue flushing during transport to hospital. Bring along these instructions.

**Ingestion:** Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable seek hospital and bring these instructions.

**Most important symptoms and effects, both acute and delayed**

**Symptoms/effects:** See section 11 for more detailed information on health effects and symptoms.

**Indication of any immediate medical attention and special treatment needed**

**Medical attention/treatments:** Treat symptomatically.
5. FIRE-FIGHTING MEASURES

**Extinguishing media**

Extinguishing media: Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

Unsuitable extinguishing media: No specific precautions.

**Specific hazards arising from the hazardous product**

Specific hazards: By heating and fire, harmful vapors/gases may be formed.

**Advice for fire-fighters**

Protective equipment for fire-fighters: Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Avoid inhalation of dust and contact with skin and eyes.

**Environmental precautions**

Environmental precautions: Avoid discharge into drains, water courses or onto the ground.

**Methods and material for containment and cleaning up**

Spill Cleanup Methods: Dampen spillage with water. Absorb spillage with suitable absorbent material.

**Reference to other items**

References: For personal protection, see section 8. For waste disposal, see section 13.

7. HANDLING AND STORAGE

**Precautions for safe handling**

Safe handling advice: Avoid inhalation of dust and contact with skin and eyes. Avoid spreading dust. Observe good chemical hygiene practices.

**Technical measures:** Work practice should minimize contact.

**Technical precautions:** Local exhaust is recommended.

**Conditions for safe storage, including any incompatibilities**

Technical measures for safe storage: No special precautions.

**Storage conditions:** Store in closed original container in a dry place. Store locked up.

**Specific end-use(s)**

Specific use(s): No information available.
8. EXPOSURE CONTROLS/PERS...
9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance: Powder.
Odour: Odourless.

pH: Not available.
Melting point: 110°C
Boiling point: Not available.
Flash point: >250°C
Explosion limits: Not available.
Relative density: 1.16
Solubility: insoluble in water

Other information

Other data: Volatile Organic Compound (VOC): 25 g/l (calculated)

10. STABILITY AND REACTIVITY

Reactivity

Reactivity: No data available.

Chemical stability

Stability: Stable under normal temperature conditions.

Possibility of hazardous reactions

Hazardous Reactions: No data available.

Conditions to avoid

Conditions/materials to avoid: Heating.

Incompatible materials

Incompatible materials: No information available.

Hazardous decomposition products

Hazardous decomposition products: By heating and fire, irritating vapors/gases may be formed.
11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

**Acute Toxicity (Oral):** Based on available data, the classification criteria are not met.

**Acute Toxicity (Dermal):** Based on available data, the classification criteria are not met.

**Acute Toxicity (Inhalation):** Based on available data, the classification criteria are not met.

**Skin Corrosion/Irritation:** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation:** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

**Carcinogenicity:** Based on available data, the classification criteria are not met.

- National Toxicology Program (NTP): No.
- IARC Cancer Review: Group 3 for Methyl methacrylate.
- IARC Cancer Review: Group 3 for Benzoyl peroxide.

**Reproductive Toxicity:** May damage fertility or the unborn child.

**STOT - Single exposure:** Based on available data, the classification criteria are not met.

**STOT - Repeated exposure:** Based on available data, the classification criteria are not met.

**Aspiration hazard:** Based on available data, the classification criteria are not met.

- **Inhalation:** Dust may irritate throat and respiratory system and cause coughing.
- **Skin contact:** May irritate. The product contains a small amount of sensitizing substance which may provoke an allergic reaction among sensitive individuals after repeated contact.
- **Eye contact:** Dust may cause irritation.
- **Ingestion:** May irritate and cause malaise.

12. ECOLOGICAL INFORMATION

### Ecotoxicity

**Ecotoxicity:** The product is not expected to be hazardous to the environment.

### Persistence and degradability

**Degradability:** The degradability of the product has not been stated.

### Bioaccumulative potential

**Bioaccumulative potential:** No data available on bioaccumulation.

### Mobility in soil

**Mobility:** No data available.

### Results of PBT and vPvB assessment

**PBT/vPvB:** No information available.

### Other adverse effects

**Other adverse effects:** None known.
13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from residues: Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

Contaminated packaging: Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

14. TRANSPORT INFORMATION

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, TDG).

**UN number**

UN-No: -

**UN proper shipping name**

Proper Shipping Name: -

**Transport hazard class(es)**

Class: -

**Packing group**

PG: -

**Environmental hazards**

Marine pollutant: -

Environmentally Hazardous substance: -

**Special precautions for user**

Special precautions: None known.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Transport in bulk: Not relevant
15. REGULATORY INFORMATION

Safety, health and environmental regulations specific to the product

Special provisions: This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR. DSL: All chemicals included in the product are DSL listed or exempt.


16. OTHER INFORMATION

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.

The following sections contain revisions or new statements: 2. The (*) indicates the changes made with respect to the previous version.

Approved by DHI.

Additional information: Classification according to WHMIS 2015: Calculation method.

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.