

SAFETY DATA SHEET

Revision Date 12/22/2023

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : Porous Polymer Packings (Porapak™ including Porapak P, PS, Q, QS, R, S, N, and T)

Brand : SKC Inc.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Air Sampling

1.3 Details of the supplier of the safety data sheet

Company : SKC, Inc.
863 Valley View Rd.
Eighty Four, PA 15330
USA

Telephone : 724-941-9701; 800-752-8472 (Mon - Fri, 8:30 a.m. - 5:00 p.m. EST)

Fax : 724-941-1369 (Mon - Fri, 8:30 a.m. - 5:00 p.m. EST)

1.4 Emergency telephone number

Emergency Phone # : CHEMTREC at 800-424-9300 (U.S./Canada); 703-741-5970 (Global)

2. HAZARDS IDENTIFICATION

Not classified as hazardous; not listed in Table 3.1 Annex VI of regulation 1272/2008/EU, as amended.

Discrete polymer beads which may cause mild irritation if inhaled or mechanical irritation upon eye or skin contact. Nuisance dust.

3. COMPOSITION/INFORMATION ON INGREDIENTS

				EXPOSURE LIMITS		
CHEMICAL INGREDIENT NAME	CAS NUMBER	EC NUMBER	% by Weight	OSHA	ACGIH	EU IOELV
Polymer Beads	NA	NA	100	5 mg/m ³ as PNOR	3 mg/m ³ as PNOS (respirable); 10 mg/m ³ as PNOS (inhalable)	NA

Notes: 1. Porapak: Various polymer and copolymer microspheres, most with divinylbenzene as the crosslinking agent. Copolymer agents include: styrene, 4-vinyl pyridine, n-vinyl 2 pyrrolidone, and ethylene glycol dimethacrylate

2. Residual monomers removed by washing.

3. Exposure Limits are 8-Hour TWA. (Time Weighted Average) Unless designated C (Ceiling) or STEL (Short Term Exposure Limit).
PNOR =Particulates Not Otherwise Regulated.
PNOS = Particles (insoluble or poorly soluble) Not Otherwise Specified.

4. FIRST AID MEASURES

Inhalation: Remove to fresh air.

Skin Contact: Flush with water.

Eye Contact: Immediately flush with water for a minimum of 15 minutes.

Ingestion: Get medical attention.

After following first aid measures, seek medical attention.

5. FIREFIGHTING MEASURES

Flammable Properties: Combustible particles.

Extinguishing Media: Dry chemical, carbon dioxide or appropriate foam.

Unique Aspects Contributing To a Fire: None.

Special Fire Fighting Procedures: None.

Note: As in any fire, wear self-contained breathing apparatus, and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Sweep up. Avoid raising dust. Place wastes into closed containers for proper disposal.

7. HANDLING AND STORAGE

Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling. Keep container closed when not in use. Avoid raising dust. Handling or processing of large quantities can create static electricity. See Section 8.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Handle in accordance with safe laboratory practices.

Respiratory Protection: Not normally needed. If exposure limits are exceeded, use approved particulate respirator.

Eye Protection: Safety glasses with side protection.

Skin Protection: Disposable nitrile are acceptable for light intermittent exposure.

Engineering Controls: Use general or other local exhaust ventilation to meet Exposure Limits. Grounding and bonding may be necessary to prevent sparks or shock from discharge of static electricity.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless to milky beads

Physical State: Solid	Flash Point: NA	Vapor Pressure: NA
Odor: None	Explosion Limits: NA	Vapor Density (air=1): NA
pH: NA	Boiling Point: NA	Solubility in Water: Insoluble
Specific Gravity: NA	Melting Point: NA	Other: NA

10. STABILITY AND REACTIVITY

Hazardous Polymerization: ☒ Will Not Occur ☐ May Occur

Stability: Stable

Hazardous Decomposition/Combustion Products:

Carbon monoxide, Carbon dioxide, Acrid smoke,
Irritating fumes

Conditions & Materials to Avoid:

Strong oxidizers

11. TOXICOLOGICAL INFORMATION

Primary Route(s) of Exposure under Normal Use: Inhalation

Target Organ(s): NA

Acute Effects: High concentrations or extended exposure to dust may be irritating.

Chronic Effects: NA

Other Information: Chemical ingredient(s) not classified as carcinogen(s) by OSHA, IARC, NTP, ACGIH, or California.

12. ECOLOGICAL INFORMATION

NA

13. DISPOSAL CONSIDERATIONS

Consult state, local or national regulations for proper disposal. The U.S. Environmental Protection Agency (EPA) does not classify unused product as hazardous waste.

14. TRANSPORT INFORMATION

Not Dangerous Goods. Not Regulated.

IATA/ICAO: *Shipping Name:* NA
Hazard Class: NA
UN/NA#: NA
Packdn2 Group #: NA

IMDG: NA

ADR: NA

15. REGULATORY INFORMATION

U.S. TOSCA: Monomers listed. **R&D Exemption:** For laboratory use only.

CANADA: This product has been classified according to the hazard criteria of the CPR and this SDS contains all the information required by the CPR.

16. OTHER INFORMATION

<u>U.S. EPA</u>		National Fire Protection Association Rating		
<u>SARA 313 Chemicals</u>	<u>CERCLA RQ</u>	4=Severe Hazard 3=Serious Hazard 2=Moderate Hazard 1=Slight Hazard 0=Minimal Hazard	HEALTH FLAMMABILITY REACTIVITY OTHER	NA 1 0 NA
None	NA			

Notes: NA means Not Available.

Disclaimer

For approved uses only. Not for drug, household, or other uses.

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. SKC Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.

Latest Change(s): Updated SDS to bring into compliance with the GHS

Last Update: December 2023