

Ceramic Gel Pro

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Carcinogenicity

It is unlikely to present a carcinogenic hazard to man.

| NTP | IARC | ACGIH | OSHA | NIOSH |
|-----|------|-------|------|-------|
| No. | No. | No. | No. | No. |

Mutagenicity

Not to be expected

Reproductive toxicity

Not to be expected

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Short term

LC50 (96 hour): 2.5 mg/L (fish)
 EC50 (48 hour): 1.4 mg/L (crustacea)
 EC50 (72 hour): 1.3 mg/L (algae)

Long Term

NOEC (28 days): 0.098 mg/L (fish)
 LOEC (21 days): 1.2 mg/L (crustacea)
 LOEL (72 hour): 1 mg/L (algae)

Persistence and degradability

Cyclopentasiloxane is expected to biodegrade very slowly in the environment. It fails to pass OECD/EEC tests for ready biodegradability.

Bioaccumulative potential

Cyclopentasiloxane has moderate bioaccumulative potential (BCF between 100 and 3000 or Log Pow between 3 and 5)

Mobility in soil

Cyclopentasiloxane is expected to be relatively immobile in soil.

Results of PBT and vPvB assessment

Classified as PBT or vPvB.

Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

Additional Information

None known.

SECTION 14: TRANSPORT INFORMATION

UN number

Proper Shipping Name

Transport hazard class(es)

Packing group

Environmental hazards

Special precautions for user

Land transport
(U.S. DOT) *

Sea transport
(IMDG)

Air transport
(ICAO/IATA)

* Not classified as dangerous for transport.*

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

| Chemical Name | CAS No. | Typical %wt. | RQ (Pounds) |
|---------------|---------|--------------|-------------|
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