

Safety Data Sheet

Material: 70702640

ELASTOSIL® A 442

Version: 2.0 (US)

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11.1.8 Specific target organ toxicity (single exposure)

Assessment:

For this endpoint no toxicological test data is available for the whole product.

11.1.9 Specific target organ toxicity (repeated exposure)

Assessment:

For this endpoint no toxicological test data is available for the whole product.

11.1.10 Aspiration hazard

Assessment:

Based on the physical-chemical properties of the product no aspiration hazard must be expected.

11.1.11 Further toxicological information

Carbon black has been classified by IARC as carcinogen group 2B ("possibly carcinogenic to humans"). No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. Titanium dioxide has been classified by IARC as carcinogen group 2B ("possibly carcinogenic to humans").

Other information: Hydrolysis product / impurity: Cyclohexylamine (CAS RN 108-91-8) is corrosive to skin and eyes and shows moderate toxic effects after oral administration as well as distinct toxic effects after dermal administration. Exposure to vapour causes irritation of the upper respiratory tract and the eyes. In animal experiments reproductive effects were observed (EU: Repr. 2; H361).

12. Ecological information

12.1 Toxicity

Assessment:

According to past experience toxicity to fish is improbable. According to current knowledge adverse effects on water purification plants are not expected.

12.2 Persistence and degradability

Assessment:

Biologically not degradable.

12.3 Bioaccumulative potential

Assessment:

No data known.

12.4 Mobility in soil

Assessment:

Insoluble in water.

12.5 Other adverse effects

none known

12.6 Additional information

In cross-linked state not soluble in water. Easily separable from water by filtration.

13. Disposal considerations

13.1 Product disposal

Recommendation:

Material that cannot be used, reprocessed or recycled should be disposed of in accordance with Federal, State, and local regulations at an approved facility. Depending on the regulations, waste treatment methods may include, e.g., landfill or incineration.