

MATERIAL SAFETY DATA SHEET



Version:

1. Identification of Substance/Preparation and Company

Product name : T-PRO[®] 200
Main Use : Raw material for industrial use
Company : Terratech, Inc.
USA
Telephone : (562) 494-9500
Fax : (562) 494-9565
Emergency Telephone : (800) 424-9300

2. Composition / Information on ingredients

Chemical nature: Water based dispersion of butadiene styrene copolymer with additives
Hazardous components: none according to EU directive 1999/45/EC

3. Hazards identification

Critical hazards to man and the environment : none according to EU directive 1999/45/EC

4. First Aid measures

Eye contact : May cause temporary irritation.
Irrigate with water for 15 minutes holding eyelid open.
Seek medical attention if irritation persists.

Skin contact : Prolonged contact may cause irritation.
Remove contaminated clothing.
Wash thoroughly with soap and water.
Seek medical attention if symptoms persist.

Inhalation of vapour : Remove to fresh air.
In severe cases seek medical attention.

Ingestion : May cause nausea.
Seek immediate medical attention.
Do not induce vomiting.

5. Fire fighting measures

Hazards during fire-fighting: The product is water based and is not combustible.

6. Accidental release measures

Personal protection : Refer to Section 8.

Environmental precautions : Prevent product entering soil, natural waters and drains.

Methods for cleaning and taking up : Large spillages should be contained and pumped into a receiving vessel.
Small spillages should be absorbed by an inert absorbent.
For disposal methods refer to Section 13.

7. Handling and storage

Handling : No special precautions necessary.
Observe good housekeeping practice.
Keep workplace well ventilated.

Storage : Store between +5°C and +35°C protected from frost and direct sunlight.
Do not use storage vessels or pipework made of aluminium, copper or their alloys.
Detailed advice on storage systems can be provided.
Bulk tanks should be regularly cleaned and sterilized.

8. Exposure controls / personal protection

General protective measures : The product may contain low levels of volatile organic compounds or ammonia which may evaporate during application and drying.

Advice on system design : Provide good general ventilation in the workplace. Where the product is dried or sprayed, local extraction is recommended.

Components with workplace parameters : none according to EU directive 1999/45/EC

Personal protective equipment:

Respiratory protection : If spraying product without local exhaust ventilation, wear mask respirator with a charcoal cartridge.

Hand protection : Impermeable gloves recommended.

Eye protection : Eye protection recommended.

Skin protection : In case of severe splashing wear waterproof overalls and boots. Wash with soap and water after handling.

Hygiene measures : Do not eat, drink or smoke when handling product.

9. Physical and chemical properties

Physical form : liquid

Color : white

Odor : faint aromatic

Flash point : not applicable

Vapour pressure : 23 hPa @ 20°C

Relative density : 0.9 - 1.1

Solubility in water : insoluble but miscible in all proportions
pH : 7 - 9
Viscosity : 100 - 1,000 mPa s

10. Stability and reactivity

The product is stable under recommended storage conditions - see Section 7

Incompatible materials : None

11. Toxicological information

Long term experience of this product type indicates no danger to health when properly handled under industrial conditions.

12. Ecological information

Degradation/elimination : DOC elimination after 2 days (OECD302B): 98 %
The product can be virtually eliminated from water by a biotic processes, e.g. adsorption onto activated sludge.

Bioaccumulation : No evidence for bioaccumulation.

Ecotoxic effects : The product is not classified as Dangerous for the Environment.

13. Disposal considerations

Waste product should not be discharged directly into drains or waterways without treatment.
Disposal of product and packaging should always comply with local and national regulations.
Waste water containing product should be treated in a separation and biological treatment plant.

EU Waste code number: No Waste Code Number available.

14. Transport information

The product is not classified as Dangerous for Carriage.

15. Regulatory information

Labelling according to EU directive 1999/45/EC:

Symbol : Not subject to labelling.

National regulations:

Germany: Water hazard : WGK = 1, VwVwS, Kenn. Nr. 662 class

Information given in this Material Safety Data Sheet does not constitute the user's own workplace risk assessment.

16. Other information

The information given here is to the best of our knowledge true and accurate and is provided solely for making safety assessments. It is not a sales specification or an indication of suitability for a particular use.

Text of R-phrases from Section 2: