

MATERIAL SAFETY DATA SHEET

TENAX-GC AND TENAX-TA MESH SIZES 20/35 35/60 60/80 80/100

**Company: Buchem bv
Minden 60
NL-7327 AW Apeldoorn**

1. Identification of the substance & Company: poly(2,6-diphenyl-1,4-phenylene oxide) [P ₃ O] TENAX-GC and TENAX-TA contain 100% P ₃ O
1.1 Formula:
1.2 Molecular Weight:
1.3 CAS RN:
[24938-68-9]
1.4 Appearance:
solid, powder
1.5 Colour:
white
1.6 Smell:
none
1.7 Company identification:
Buchem BV Minden 60 7327 AW Apeldoorn telephone +31.(0)55.5430040 fax +31.(0)55.5430050

2. Physical safety data:
2.1 Density:
approx. 0.25 g/ml
2.2 Solubility in water:
Unsoluble
2.3 Stability:

3. Hazards identification:
None

4. First-aid measures:
4.1 Eye contact: flush eyes with copious amounts of water for at least 15 minutes
4.2 Skin contact: immediately wash skin with soap and copious amounts of water
4.3 Inhalation: remove to fresh air, if not breathing give artificial respiration. If breathing is difficult give oxygen.
4.4 Ingestion: wash out mouth with water provided person is conscious call a physician

5. Fire-fighting measures:
<p>water spray carbon dioxide, dry chemical powder or appropriate foam. If excessive fumes or smoke are encountered wear self contained respiratory equipment Limited Oxygen Index = 33</p>

6. Accidental release measures:
6.1 After spillage/leakage:
6.2 Personal precautions:
wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves

7. Handling and storage:
7.1 Handling:
Refer to section 8
7.2 Storage:
Refer to section 8

8. Exposure controls/personal protection:
<p>chemical safety goggles compatible chemical-resistant gloves the use of a mask is recommended do not breathe dust avoid contact with eyes, skin and clothing wash thoroughly after handling keep tightly closed store in a cool dry place</p>

9. Physical and chemical properties:

white crystals
melting point: 460°C (dec.)

10. Stability and reactivity:

incompatibilities
oxidizing agents
hazardous combustion or decomposition
thermal decomposition may produce carbon monoxide and carbon dioxide

11. Toxicology:

acute effects:
may be harmful by inhalation, ingestion or skin adsorption
cause eye and skin irritations
material is irritating to mucous membranes and upper respiratory tract

12. Ecological information:

Data not available

13 Disposal consideration:

13.1 Waste disposal:

Observe all federal, state and local environmental regulations

13.2 Disposal of packaging:

Refer to 13.1

14.Transport:
Classification:
Non-dangerous
EINECS-Nr:
Non-regulated
IATA:
Not restricted
UN-No.:
Non-regulated
15. Regulations information:
15.1 Classification:
Non-dangerous
15.2 R-phrases:
R
15.3 S-phrases
S
16. Other information:
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