

MATERIAL SAFETY DATA SHEET

TENAX-GR

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-GR contains 70-80% P ₃ O and 20-30 % graphite
1.1 Formula:
1.2 Molecular Weight:
1.3 CAS RN:
[24938-68-9] and [7440-44-0]
1.4 Appearance:
solid, powder
1.5 Colour:
grey
1.6 Smell:
none
1.7 Company identification:
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2. Physical safety data:
2.1 Density:
approx. 0.4 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</p>

6. Accidental release measures:
6.1 After spillage/leakage:
6.2 Personal precautions:
<p>wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves beware of slippery floors</p>

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 rubber gloves, safety glasses and dust mask is recommended avoid breathing 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:
231-153-3 for graphite
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:

Although the information and recommendations set forth herein (hereinafter Ainformation@) are presented in good faith and believed to be correct as the date hereof, Buchem bv makes no representations as to the completeness or accuracy thereof.

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