

MATERIAL SAFETY DATA SHEET

1. Trade Name: **RAN-1000**

Company:

ZYDEX INDUSTRIES
25A, GANDHI OIL MILL COMPOUND
GORWA
VADODARA-390016, INDIA

Emergency information:

ZYDEX INDUSTRIES
TELEPHONE NO.+91 265 2280865, 2283386 FAX NO.91 265 2280872

2. **Composition/information on ingredients:**
Chemical nature: **Formulated Polymer Product**

3. **Possible hazards:**
Critical hazards to man and the environment: NONE
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4. **First aid measures:**

General advice:	Remove contaminated clothing
If inhaled:	Keep patient calm, remove to fresh air
On skin contact:	Wash thoroughly with soap and water
On contact with eyes:	Wash affected eyes for at least 15 minutes under running Water with eyelids open, consult an eye specialist.
On ingestion:	Rinse mouth and then drink plenty of water

5. **Fire fighting measures:**

Suitable extinguishing media : Water spray, dry extinguishing media, foam, carbon di-oxide (CO₂) Non-flammable and hence no fire hazard.

6. **Accidental release measures:**

Personal precautions:	No special measures necessary
Environmental precautions:	Do not let product enter drains
Methods for clearing up:	Contain with absorbent material and dispose. Clean with water.

7. **Handling and storage:**

Handling:	Ensure thorough ventilation of stores and work areas
Protection against fire and explosion:	No special measures necessary
Storage:	Keep tightly closed in a dry and cool place.

8. **Exposure controls and personal protection:**

Personal protective equipment	
Respiratory protection:	Avoid breathing vapour
Hand protection:	Protective gloves
Eye protection:	Goggles
General safety and hygiene measures:	The usual precautions for the handling of chemicals must be observed.

9. **Physical and chemical properties:**

Form	:	Liquid Pourable Dispersion
Colour	:	Translucent Yellow
Flash point	:	> 70° C
Ignition temperature:		N.A.
Explosion hazard	:	No explosion hazard
Vapour pressure	:	N.A.
Solubility in water	:	Very thick solution at 2% con.
pH value	:	Approx. 6.5 - 7 (1% solution in water)
Viscosity	:	100- 2000 c.p.

10. **Stability and reactivity:**

Stable Storage time: Max. 6 months

Hazardous reactions: None provided product is correctly processed

11. **Toxicological information:** **Non-Toxic**

12. **Ecological information:**

General Notes:

Do not allow material to be released to the environment without proper governmental permits.

13. **Disposal consideration:**

Product: Must be dumped or incinerated in accordance with local regulations

Contaminated packaging: Uncontaminated packs can be re-used. Packs that cannot be cleaned should be disposed of in the same manner as the contents.

14. **Transport Information:** Not a hazardous material for transportation.

DOT regulations

Hazard class : Not regulated.

Land transport ADR/RID (Cross-border)

ADR/RID Class : Not regulated.

Maritime transport IMDG:

IMDG Class : Not regulated.

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class : Not regulated.

Transport/Additional information: Not dangerous according to the above specifications.

15. Regulations

Product related hazard information:

*Hazard symbols: Non-hazardous

*Safety phrases:

26 In case of contact with eyes, rinse immediately with plenty of water & seek medical advice.

36 Wear suitable protective clothing.

*National regulations:

All components of this product are listed in the U.S. Environmental Protection Agency Toxic Substances Control Act Chemical Substance Inventory.

*Information about limitation of use:

For use only by technically qualified individuals.

16. Other Information

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of the information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product conformance with this Material Safety Data Sheet, or in combination with any product or process, is the responsibility of the user.

.Department issuing MSDS: Safety and Environmental Department.

.Contact: Ajay I. Ranka

PS: The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.
