

Material Safety Data Sheet

1. Identification Of The Substance / Preparation And Company

- 1.1 Product Information: water-absorption agent for nylon CD-7939
- 1.2 Another name: -
- 1.3 Recommend usage:
- 1.4 Information On Producer/ Supplier Name、Addresses 、Phone:
GRACESS INTERNATIONAL CO., LTD.
29F-3, No. 86, Sec. 1, Beixin Rd., Xindian Dist., New Taipei City 231003, Taiwan
- 1.5 Emergency Phone / Fax: +886-2-2673-3998 /+886-2-2673-3995

2. Hazards Identification data

- 2.1 Hazard classification: innocuous
- 2.2 Label: -
Symbol: -
Caution: -
Hazard alarm: avoid inhaling vapor and ingestion.
Hazard preventive measure: avoid contacting eyes. Flush eyes with water if contacting eyes.
- 2.3 Other hazard: -

3. Identification data

English name: water-absorption agent for nylon CD-7939		
Synonym name:		
Materials name	CAS Number	%
Modified silicone	68937-54-2	49-51
Poly(ethylene glycol)	25322-68-3	<0.5
Water	7732-18-5	49-51

4. First aid measure

- 4.1 First aid measure:
Eyes: Flush eyes with plenty of water at once and get medical attention if the symptom is continuous.
Skin: take off the contaminated clothes and wash the contaminated skin with plenty of water and soap.
Get medical attention if the symptom is continuous.
Inhalation: none
Ingestion: drink plenty of water and get medical attention.
- 4.2 The most harmful effect: -
- 4.3 Protection of first-aid person: -
- 4.4 Suggestion to doctors: -

5. Fire fighting measure

- 5.1 Suitable extinguishing media: chemical dry powder, water spray and foam on large fires. CO₂ , dry chemical or water spray on small fires. Water can be used to cool the fire exposed containers.
- 5.2 Special hazards from fire fight: determine whether to evacuate or isolate the area according to your local emergency plan.
- 5.3 Special fire measure: -
- 5.4 Special fire measure of fire fighter: wear the protective clothes and self-contained breathing apparatus.

6. Accidental release measure:

- 6.1 Personal precaution: immediately call the emergency contact person.
- 6.2 Environmental precautions: forbid into drain and river.
- 6.3 Cleaning method: collect the release by absorbent into the containers.

7. Handling and storage:

- 7.1 Handling: 1. Washing eyes equipment and shower
2. Keep ventilated and avoid contacting eyes and skin. No ingestion. Wash hands after handling.
- 7.2 Storage: Keep away from oxidant. Keep containers closed. Store at cool and dry place.

8. Exposure controls/personal protection:

- 8.1 Engineering controls: ventilated equipment
- 8.2 controls parameter:
PC-TWA/PC-STEL/PC-MAC: -/ -/ -/ -
- 8.3 Personal protective equipment:
Hand protection: safety glove
Eye protection: safety goggle
Skin and body protection: working clothes
- 8.4 Health measure: Wash hands and body after work.

9. Physical and chemical properties:

• Appearance	liquid	• Solid content	50%
• Color	light yellow	• pH value	5.5±1
• Odor	special odor	• Boiling point	-
• Flash point	-	• Melt point	-
• Inflammability	-	• Explosion limit	-
• Vapor pressure	-	• Vapor density	-
• Density	-	• Solubility	soluble in water
• Flash point	-	• Self-ignition temperature	-

10. Stability and activity:

- 10.1 Stability: stable
- 10.2 Avoidance: -
- 10.3 Avoidant materials: strong oxidant
- 10.4 Hazard decomposition: CO2 and so on
- 10.5 Hazard polymerization:-

11. Toxicological information

- 11.1 Acute toxicology: no applied information
- 11.2 Local effect: no applied information
- 11.3 Symptoms: not harmful on normal condition
- 11.4 Chronic toxicity/ long-term toxicity: no applied information
- 11.5 Special effect: no applied information

12. Ecological information:

- 12.1 Ecological toxicity: -
- 12.2 Environmental influence: -
- 12.3 Accumulation: no bioaccumulation.
- 12.4 Decomposition: decomposition in soil.

13. Disposal considerations:

Disposal method: according to local regular.

14. Transport Information

- 14.1 International transport regulate: -
- 14.2 UN-number: -
- 14.3 Native transport name: -
- 14.4 Transport classification: -
- 14.5 Package classification: -
- 14.6 Marine pollutant (yes or no): -
- 14.7 Special transport way and precaution: -

15. Regulation

Suitable regulations:

safe use chemical material act in working place (labor department 1996 423)

General rule on chemistry classification and danger (GB 13690-2009)

16. Other

Lister unit GRACESS INTERNATIONAL CO., LTD.

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LIMITED WARRANTY INFORMATION – PLEASE READ BEFORE ANY APPLICATION:

- The data presented in this brochure are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt.
- We reserve the right to alter product constants within the scope of technical progress or new developments.
- The recommendations made in this brochure should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used.
- The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights or patents and, if necessary, clarifying the position.
- Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.
- We disclaim any responsibility for any dispute regarding product quality between agent and end user.
- Our sole warranty is that our products will meet the sales specifications in effect at the time of shipment.