

物質安全資料表(MSDS)

1 · Identification Of The Substance / Preparation And Company

- 1.1 Product Information: Moisture absorbing & quick-drying agent PM-011
- 1.2 Another name: -
- 1.3 Recommend usage:
- 1.4 Information of Manufacturer or Supplier :
GRACESS INTERNATIONAL CO., LTD. /
29F-3, No. 86, Sec. 1, Beixin Rd., Xindian Dist., New Taipei City 231003, Taiwan /+886-2-2673-3998
- 1.5 Emergency Phone / Fax: +886-2-2673-3998 /+886-2-2673-3995

2. Hazards Identification data

- 2.1 Hazard classification: -
- 2.2 Label: -
Symbol: -
Caution: -
Hazard alarm: dangerous
Hazard preventive measure: headache, lethargy and irritant to eyes, nose and throat if high concentration.
Naupathia, stomachache, diarrhea, lethargy, coma and even death if ingestion.
- 2.3 Other hazard: -

3. Identification data

English name: Moisture absorbing & quick-drying agent PM-011		
Synonym name:		
Materials name	CAS Number	%
Aqueous polyester	-	-

4. First aid measure

- 4.1 First aid measure:
Eyes: Flush eyes with plenty of water for 10 minutes and get medical attention.
Skin: Take off the contaminated clothes and footwear. Flush with water and soap for at least 10 minutes.
Inhalation: move to fresh air. Oxygen therapy if dysnea. Artificial breathing if breath stop. And get medical attention immediately.
Ingestion: get medical attention at once.
- 4.2 The most harmful effect: dysnea
- 4.3 Protection of first-aid person: -
- 4.4 Suggestion to doctors: -

5. Fire fighting measure

- 5.1 Suitable extinguishing media: CO₂, chemical dry powder, foam.
- 5.2 Special hazards from fire fight: -
- 5.3 Special fire measure: wear self-contained respirator and protective clothes. The containers can be cooled by water.
- 5.4 Special fire measure of fire fighter: -

6. Accidental release measure:

- 6.1 Personal precaution: avoid touching skin and eyes. Keep the containers closed.
- 6.2 Environmental precautions: keep the containers closed.
- 6.3 Cleaning method: collect the release with absorbent such as soil and sand into suitable containers.

7. Handling and storage:

- 7.1 Handling: keep ventilated. Avoid touch eyes. Keep the containers closed. Keep the work place clean. Wash hands after handling.
- 7.2 Storage: Keep container closed. Avoid oxidant. Store at cool, dry and ventilated place. Keep awaru from fire and heat source. Avoid direct sunlight. Keep the temperature in storeroom below 30°C.

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 (anti-oil, anti-solvent and anti-reagent)
Respirator: safety respirator (dust/moisture type)
Eye protection: safety goggle
Skin and body protection: long sleeve clothes.
- 8.4 Health measure: wash hands after handling. Keep clean.

9. Physical and chemical properties:

- | | | | |
|-------------------|---------------------------------|--------------------|------------------|
| • Appearance: | liquid | • Solid content: | 11±1% |
| • Color: | Light yellow transparent liquid | • pH value: | 5.5-7.5 |
| • Ionic charge: | weak anionic / nonionic | • Boiling point: | - |
| • Flash point: | - | • Melt point: | - |
| • Inflammability: | - | • Explosion limit: | - |
| • Vapor pressure: | - | • Vapor density: | - |
| • Density: | - | • Solubility: | soluble in water |

10. Stability and activity:

- 10.1 Stability: stable
- 10.2 Avoidance: avoid touch eyes
- 10.3 Avoidant materials: strong oxidant, strong acid and strong alkali.
- 10.4 Hazard decomposition: -
- 10.5 Hazard polymerization: -

11. Toxicological information

- 11.1 Acute toxicology: /
- 11.2 Local effect:
- 11.3 Symptoms:
 - Eyes: moderate irritant if direct touch.
 - Skin: no harm if touch short time
 - Inhale: irritant to respiratory passage, nose and throat.
 - Ingestion: Naupathia, stomachache, diarrhea, lethargy, coma and even death if ingestion.
- 11.4 Chronic toxicity/ long-term toxicity: /
- 11.5 Special effect: /

12. Ecological information:

- 12.1 Ecological toxicity: /
- 12.2 Environmental influence: harmful to environment, especially marine.
- 12.3 Accumulation: no information
- 12.4 Decomposition: no information

13. Disposal considerations:

Disposal method: disposal 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 (1996 423 labor ministry)
General rule on chemistry classification and danger(GB 13690-2009)

16. Other

Form Maker	GRACESS INTERNATIONAL CO., LTD. 29F-3, No. 86, Sec. 1, Beixin Rd., Xindian Dist., New Taipei City 231003, Taiwan /+886-2-2673-3998
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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.
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- 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.