



# MATERIAL SAFETY DATA SHEET

DAEHEUNG CHEMICAL CO., LTD. [www.dhcbond.com](http://www.dhcbond.com)

PGM

Product Name

DH-505

## 1. Product and Company Identification

- A. Product Name DH-505
- B. Recommended use of the chemical and restrictions on use
- Recommended use of the chemical Floor Finish
  - Restrictions on use of the product -
- C. Manufacturer/Supplier/Distributor Information
- Name DAEHEUNG CHEMICAL CO., LTD.
  - Address 68, Sandan-ro 64beon-gil, Pyeongtaek-si, Gyeonggi-do, Korea
  - Emergency phone number 82-31-668-1424

## 2. Hazards identification

A. Hazard-Risk Classification Serous Eyes Damage/Eye Irritation

B. Label elements including precautionary statements

- Symbol



- Signal Word

Danger

- Hazard-Risk Statement

Causes serious eye irritation

- Precautionary Statement

Prevention

Wear protective gloves/protective clothing/eye protection/face protection

Response

Wash ... thoroughly after handling  
Do not eat, drink or smoke when using this product  
IF ON SKIN : Wash with soap and water  
Take off contaminated clothing and wash before reuse  
IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing

Storage

Store in a well ventilated place. Keep container tightly closed

Disposal

Dispose of contents/container to ...

## 3. Composition/Information on ingredients

| Chemical Name                            | Other name | CAS number | Content(%) |
|--|------------|------------|------------|
| Acrylic copolymer emulsion               |            | -          | 38~45      |
| Polyethylene Wax                         |            | -          | 10~12      |
| Diethylene Glycol Monoethyl Ether        |            | 111-90-0   | 5~6        |
| Plasticizer                              |            | 78-51-3    | 2~3        |
| Silicone Antifoam Agent                  |            | -          | <0.02      |
| Potassium Fluorinated Alkyl Carboxylates |            | -          | <0.02      |
| Water                                    |            | 7732-18-5  | 45~34      |

#### 4. First aid measures

- |                 |   |
|-----------------|---|
| A. Eye contact  | Immediately flush eyes with plenty of water for at least 15 minutes.<br>Get medical attention if irritation develops or persists. |
| B. Skin contact | For skin contact, wash thoroughly with soap and water<br>Get medical attention if irritation develops or persists.                |
| C. Inhalation   | Move to fresh air.  |
| D. Ingestion    | Get medical attention if irritation develops or persists.   |

#### 5. Fire-Fighting measures

- |   |  |
|---|--|
| A. Suitable (and unsuitable) extinguishing media  | dry chemical, water spray, normal foam, CO <sub>2</sub> (Suitable extinguishing media)   |
| B. hazards arising from the chemical (e.g. nature of any hazardous combustion products) | No data available  |
| C. Special protective equipment and precautions for fire-fighters                       | This product is not flammable. As in any fire, MSHA/NIOSH approved self-contained breathing apparatus(SCBA) and full protective gear should be worn. |

#### 6. Accidental release measures

- |  |  |
|--|--|
| A. Personal precautions, protective equipment and emergency procedures | Evacuate unnecessary personnel. Remove all sources of ignition. Stop leak if safe to do so. Eliminate leaks immediately. |
| B. Environmental precautions and protective procedures                 | Avoid release to the environment<br>Waterways, sewers, basements, and Prevent entry into confined spaces.                |
| C. Methods and materials for containment and cleaning up               | Wash contaminated property(e.g. automobiles) quickly before the material dries.  |

#### 7. Handling and storage

- |  |   |
|--|---|
| A. Precautions for safe handling                                 | Follow label use directions. Do not mix with other chemicals unless instructed by label directions. Directions. Avoid contact with eyes. Wash thoroughly after handling. Remove saturated clothing. Wash clothing and equipment before reuse. |
| B. Conditions for safe storage (including any incompatibilities) | Keep container closed when not in use. Keep from freezing.  |

#### 8. Exposure controls & personal protection

- |  |  |
|--|--|
| A. Control parameters (e.g. occupational exposure limit values, biological limit values) | Appropriate engineering controls   |
| B. Appropriate engineering controls  | Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. |
| C. Personal protective equipment   |  |
| – Respiratory protection   | wear suitable respiratory protective equipment.  |
| – Eye protection   | Wear chemical safety goggles.  |
| – Hands protection   | Use appropriate chemical protective gloves when handling.  |
| – Body protection  | Wear protective clothing.  |

## 9. Physical and chemical properties

|   |                        |
|---|------------------------|
| A. Appearance                                   |                        |
| Physical state                                  | liquid                 |
| Color   | Slightly Opaque, White |
| B. Odour  | Mild, Ammonia          |
| C. pH   | 8.1~9                  |
| D. freezing point                               | -2 °C                  |
| E. Initial boiling point and boiling range      | 100 °C                 |
| F. Flammability (solid / gas)                   | No data available      |
| G. Upper/lower flammability or explosive limits | No data available      |
| H. Vapor pressure                               | No data available      |
| I. Solubility                                   | Dispersible in water   |
| J. Vapor density                                | 17 mmHg                |
| K. Specific gravity                             | 1.0~1.04               |
| L. Auto-ignition temperature                    | No data available      |
| M. Decomposition temperature                    | No data available      |
| N. Viscosity                                    | 6 mpas                 |
| O. Formula mass                                 | No data available      |

## 10. Stability and reactivity

|  |                                |
|--|--------------------------------|
| A. Chemical stability and possibility of hazardous reactions | Stable under normal conditions |
| B. Conditions to avoid                                       | Strong oxidizers               |
| C. Incompatible materials                                    | No data available              |

## 11. Toxicological information

|  |   |
|--|---|
| A. Information on the likely routes of exposure      | Based on testing of a similar product, this product may cause minimal to mild eye irritation and minimal skin irritation. |
| B. Health hazards information                        |   |
| – Acute toxic  | No data available   |
| – Skin corrosive/irritant                            | No data available   |
| – Serious eye damage/eye irritation                  | Causes serious eye irritation   |
| – Respiratory sensitization                          | No data available   |
| – Skin sensitization                                 | No data available   |
| – Carcinogenicity                                    | No data available   |
| – Germ Cell Mutagenicity                             | No data available   |
| – Reproductive toxicity                              | No data available   |
| – Specific target organ toxicity (single exposure):  | No data available   |
| – Specific target organ toxicity (repeated exposure) | No data available   |
| – Aspiration hazard                                  | No data available   |

## 12. Ecological information

|  |                   |
|--|-------------------|
| A. Aquatic and terrestrial ecotoxicity | No data available |
| B. Persistence and degradability       | No data available |
| C. Bioaccumulative potential           | No data available |
| D. Mobility in soil                    | No data available |

|                          |                   |
|--------------------------|-------------------|
| E. Other adverse effects | No data available |
|--------------------------|-------------------|

### 13. Disposal considerations

|                        |   |
|------------------------|---|
| A. Disposal method     | Dispose of according to regulations by incineration or sanitary landfill. |
| B. Disposal precaution | Dispose of according to regulations by incineration or sanitary landfill. |

### 14. Transport information

|                                  |                   |
|----------------------------------|-------------------|
| A. UN number                     | No data available |
| B. UN proper shipping name       | No data available |
| C. Transport hazard class:       | No data available |
| D. Packing group (if applicable) | No data available |
| E. Marine pollution (yes/no)     | No data available |

### 15. Regulatory information

|   |                   |
|---|-------------------|
| A. Industrial Safety and Health Act                   | No data available |
| B. Toxic Chemical Control Act                         | No data available |
| C. Dangerous Material Safety Control Act              | No data available |
| D. Wastes Management Act                              | No data available |
| E. Other requirements in domestic and other countries | No data available |

### 16. Other information

|                                      |              |
|--------------------------------------|--------------|
| A. Information source and references | KOSHA        |
| B. Issuing date                      | May 19, 2014 |
| C. Revision number and date          |              |
| D. others                            |              |

○ Source of data : Korea Occupational Safety and Health Agency (KOSHA)>