

MATERIAL SAFETY DATA SHEET

DEAHEUNG CHEMICAL CO., LTD. www.dhcbond.co.kr



Product Name	D-510
1. Product and Company Identifica	ition
A. Product Name	D-510
B. Recommended use of the chemica	
- Recommended use of the chemic	cal Adhesive
- Restrictions on use of the produc	ct Do not use for purposes other than adhesive.
C. Manufacturer/Supplier/Distributor Ir	
- 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	Skin Corrosion/Irritation : Category 2
	Serous Eyes Damage/Eye Irritation : Category 2
B. Label elements including precautic - Symbol	onary statements
	Danger
– Symbol	
- Symbol - Signal Word	Danger
- Symbol - Signal Word	Danger H315 Causes skin irritation
- Symbol - Signal Word - Hazard·Risk Statement	Danger H315 Causes skin irritation
- Symbol - Signal Word - Hazard·Risk Statement - Precautionary Statement	Danger H315 Causes skin irritation H319 Causes serious eye irritation
- Symbol - Signal Word - Hazard·Risk Statement - Precautionary Statement	Danger H315 Causes skin irritation H319 Causes serious eye irritation P264 Wash thoroughly after handling
- Symbol - Signal Word - Hazard·Risk Statement - Precautionary Statement Prevention	Danger H315 Causes skin irritation H319 Causes serious eye irritation P264 Wash … thoroughly after handling P280 Wear protective gloves/protective clothing/eye protection/face protection
- Symbol - Signal Word - Hazard·Risk Statement - Precautionary Statement Prevention	Danger H315 Causes skin irritation H319 Causes serious eye irritation P264 Wash … thoroughly after handling P280 Wear protective gloves/protective clothing/eye protection/face protection P302+352 IF ON SKIN : Wash with soap and water P305+351+338 IF IN EYES : Rinse cautiously with water for several minutes.
- Symbol - Signal Word - Hazard·Risk Statement - Precautionary Statement Prevention	Danger H315 Causes skin irritation H319 Causes serious eye irritation P264 Wash … thoroughly after handling P280 Wear protective gloves/protective clothing/eye protection/face protection P302+352 IF ON SKIN : Wash with soap and water P305+351+338 IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
- Symbol - Signal Word - Hazard·Risk Statement - Precautionary Statement Prevention	Danger H315 Causes skin irritation H319 Causes serious eye irritation P264 Wash … thoroughly after handling P280 Wear protective gloves/protective clothing/eye protection/face protection P302+352 IF ON SKIN : Wash with soap and water P305+351+338 IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing P321 Specific treatment (see … on this label)
- Symbol - Signal Word - Hazard·Risk Statement - Precautionary Statement Prevention	Danger H315 Causes skin irritation H319 Causes serious eye irritation H319 Causes serious eye irritation P264 Wash … thoroughly after handling P280 Wear protective gloves/protective clothing/eye protection/face protection P302+352 IF ON SKIN : Wash with soap and water P305+351+338 IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing P321 Specific treatment (see … on this label) P332+313 If skin irritation occurs: Get medical advice/attention

C. Other Hazard Risk which are not included in the classification criteria (e.g. dust explosion hazard)

	Polyvinyl Acetate
Health	1
Fire	1
Reactivity	0

3. Composition/Information on ingredients

Chemical Name	Other name	CAS number	Content(%)
Polyvinyl Acetate	PVAc	9003-20-7	40~42
Water	-	7732-18-5	58~60

4. First aid measures

A. Eye contact	Rinse with plenty of water for more than 20 minutes remove the keep taking.
	Remove contact lenses, keep the lens.
	Irritation, pain, swelling, tearing, photophobia persist, call a physician if the physician
B. Skin contact	Rinse with plenty of water
	Removing contaminated clothing and shoes and wash before reuse
	Irritation, pain, etc. If this persists, call a physician's examination.
C. Inhalation	Remove to fresh air
	If not breathing, give artificial respiration.
	Get immediate medical attention.
D. Ingestion	Get immediate medical attention.
	Do not give liquids.
	Do not induce vomiting.
	Make lay aside.

E. Indication of immediate medical attention Medical personnel are aware of the material and to take precautions to protect. and notes for physician

5. Fire-Fighting measures	
A. Suitable extinguishing media	Water spray, dry powder, foam, carbon dioxide
B. Special hazard arising from the substance or Mixture	No particular hazards known.
C. Advice for fire-fighters	Wear self contained breathing apparatus for fire fighting if necessary.
D. Other information	This is a water-based product and presents no particular fire or explosion hazard.

	6. Accidental release measures	
	A. Personal precautions, protective equipment and emergency procedures	Use appropriate personal protective equipment.
		Use appropriate personal protective equipment as stated.
		Avoid contact with the skin and the eyes.
	B. Environmental precautions and protective procedures	Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system.
	C. Methods and materials for containment and cleaning up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
		Keep in suitable, closed containers for disposal.
		Contaminated equipment (brushes, rags) must be cleaned immediately with water.
		Dispose of in accordance with local regulations.

7.	Handling	and	storage
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A. Precautions for safe handling

Use only in a well-ventilated area.
Avoid prolonged or repeated contact with skin.
Avoid contact with eyes.
Wash thoroughly after handling.

B. Conditions for safe storage (including	Keep tightly closed in a dry and cool place.
any incompatibilities)	No special technical protective measures required.

8. Exposure controls & personal protection

A. Control parameters (e.g. occupational exposure limit values, biological limit values)		
– KOSHA	Not available	
– ACGIH	Not available	
- Biological exposure limits	Not available	
B. Appropriate engineering controls	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.	
C. Personal protective equipment		
- Respiratory protection	IF necessary, the protection wear chemical stability.	
- Eye protection	Use chemical splash goggles and face shield.	
- Hands protection	If necessary, the chemical safety wear protective gloves.	

- Body protection If necessary, the chemical safety wear protective clothing.

9. Physical and chemical properties

	A. Appearance	Milky white emulsion
	B. Odour	Low ammonia odor
	C. Odour threshold	Not available
	D. pH	4.5 ± 0.5
	E. Melting point/freezing point	J 0
	F. Initial boiling point and boiling range	100 °C
	G. Flashing point	Not available
	H. Evaporation rate	Not available
	I. Flammability(solid, gas)	Not available
I	J. Upper/lower flammability or explosive imits	Not available
	K. Vapor pressure	23 hpa at 20℃
	L. Solubility	Partially dissolved
	M. Vapor density	Not available
	N. Relative density	Approximately 1.05
	O. Partition coefficient:n-octanol/water	Not available
	P. Auto-ignition temperature	Not available
	Q. Decomposition temperature	Not available
	R. Viscosity	25,000±3,000 cps
	S. Molecular weight	Not available

10. Stability and reactivity	
A.Chemical stability and possibility of	Stable under recommended storage conditions
hazardous reactions	No decomposition if stored and applied as directed.
	No hazards to be especially mentioned.
B. Conditions to avoid	Do not freeze.
C. Incompatible materials	Materials that react with water

11. Toxicological information

A. Information on the likely routes of No data available exposure

B. Health hazards information

- Acute toxic	
Oral	Not available
Inhalation	Not available
Dermal	Not available
- Skin corrosive/irritant	Not available
- Serious eye damage/eye irritation	Not available
- Respiratory sensitization	Not available
- Skin sensitization	Not available
- Carcinogenicity	Not available
- Germ Cell Mutagenicity	Not available
- Reproductive toxicity	Not available
- Specific target organ toxicity (single e	exposure):
	Not available
- Specific target organ toxicity (repeate	d exposure)
	Not available
- Aspiration hazard	Not available

12. Ecological information

A. Aquatic and terrestrial ecotoxicity			
– Fish	Not available		
- Crustacea	Not available		
- Algea	Not available		
B. Persistence and degradability	Not available		
C. Bioaccumulative potential			
- Biodegradability	Not available		
- Bioaccumulation	Not available		
D. Mobility in soil	Not available		
E. Other adverse effects Not available			

13. Disposal considerations

A. Disposal method	Waste management will be handled according to the charging.
B. Disposal precaution	Unauthorized disposal or incineration is harmful to the ecosystem because it vinhibit.

will

14. Transport information	
A. UN number	Not available
B. UN proper shipping name	Not available
C. Transport hazard class:	Not available
D. Packing group (if applicable)	Not available
E. Environmental hazards	Not available
E Special precaution which a user to be av	ware of or needs to comply with in connection with transport or conveyance either

F. Special precaution which a user to be aware of or needs to comply with in connection with transport or conveyance either within or outside their premises:

- (Emergency proc	edure at fire	No	ot de	termi	ned

- Emergency procedure at leakages Not determined

15. Regulatory information

This product has been classified in accordance with the hazard criteria of the MSDS contains all the information required by the Kosha.

16. Other information	
A. Information source and references	
Source of data : Korea Occupatio	nal Safety and Health Agency (KOSHA)>
B. Issuing date	May 30, 2022
C. Revision number and date	Not available
D. Further information	This information is based on our present state of knowledge. It shall describe our products regarding safety requirements and shall not be construed as a guarantee or statement of condition and/or quality