



NAE WOI KOREA

Nae Woi Korea., Ltd.

501 W-CITY, 9-22, 255Pankyoro, Bundang-Gu,
Seongnam-Si, Gyeonggi-Do, 463-400 Korea

TEL : +82-31-734-0350(Rep)

FAX : +82-31-734-0351

E-mail : nwko@kita.net


<http://www.naewoikorea.com>

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

1-1	Product name	NWK-742 Standard
1-2	Recommended Product Usage	Anti Retardant of Cement and Metal for outside and inside
1-3	Company Detail	
	Manufacturer	NAE WOI KOREA.,LTD
	Address	501W-CITY, 9-22,255Pankyoro, Bundanggu, Seongnam-
	Telephone Number	+82 31 734 0350
	Emergency Telephone	+82 10 5730 9521

2. Hazards Identification

2-1	Hazard Classification	No classified information applicable.
2-2	Label Elements	
	Including	
	Precautionary	
	Statements	
	Symbol	
	Signal Word	
	Hazard Risk Statement	
	Precautionary	
	Statement Prevention	
	Response	
	Storage	
	Disposal	
2-3	Other Hazard. Risk which are not included in the classification	
	Health	No data available.
	Fire	No data available.

Reactivity

No data available.

3. Composition / Information on Ingredients

Chemical name	Common name or Synonym	CAS No.	Content (%)
Lithium Silicate		10102-24-6	10
Water	-	7732-18-5	68
Urethane Acrylic Hybrid Polymer Dispersion			12
Polyurethane Dispersion		9017-09-8	10

4. First-Aid Measures

4-1 If in eyes	Wash affected eyes for at least 15 minutes under running water with eyelids open. Seek medical attention.
4-2 If on skin	Remove from skin and wash thoroughly with soap and water for 15 minutes.
4-3 If inhaled	Seek medical attention if irritation or ill effects develop or problems breathing . Keep patient calm, remove to fresh air, seek medical attention in breathing difficulties .
4-4 If swallowed	Rinse mouth and then drink of water. Do not induce vomiting. Treat according to symptoms (decontamination, vital specific medical treatment).
4-5 Note to physician	No known specific antedote

5. Fire-Fighting Measures

5.1 Suitable (and Unsuitable) Extinguishing Media

Suitable	On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide(CO2), dry chemical or water spray. Water can be used to cool fire exposed
Unsuitable	No data available.

5.2 Specific hazards arising from the chemical

Thermal decomposition products

silicate-modifiers acrylic	No data available.
Others	No data available.
Water	None known.

5.3 Fire and explosion hazards

silicate-modifiers acrylic	No data available.
----------------------------	--------------------

Others	No data available.
Water	Negligible fire hazard.
5.4 Protective equipment for fire-fighting	
silicate-modifiers acrylic copolymer	Firefighters should be equipped with self-contained breathing apparatus
Others	No data
Water	Not applicable

6. Accidental release measures

6.1 Personal precautions and protective equipment	Use personal protective clothing
6.2 Environmental precautions	Do not discharge into drains/surface waters/groundwater.
6.3 Methods for cleaning up	Spills should be contained, and placed in suitable containers for For small amount : Pick up with absorbent material (e.g. sand, binder). Dispose of absorbed material in accordance with For large amount : Pump off product.

7. Handling and Storage

7-1 Precautions for safe handling	Avoid skin and eye contact. Do not take internally. Remove contaminated clothing immediately.
7-2 Conditions for safe	Keep container tightly closed in a cool, well-ventilated place.

8. Exposure Controls and Personal Protection

8-1 Control parameters (e.g. occupational exposure limit values, biological limit values)	
silicate-modifiers acrylic	No data available.
Others	No data available.
Water	No data available.
8-2 Appropriate engineering	Local ventilation
8-3 Personal protective equipment	
Respiratory protection	Wear respiratory protection if ventilation is inadequate.
Eye protection	Safety glasses with side-shields.
Hands protection	Chemical resistance protective gloves
Body protection	Wash at mealtime and end of shift. If skin contact occurs, change contaminated clothing as soon as possible and thoroughly flush affected areas with cool

9. Physical and Chemical Properties

9-1 Appearance

Physical state	Liquid
Color	Milk color
9-2 Odour	Slight odor
9-3 Odour threshold	No data available.
9-4 pH	9.0 -10.0
9-5 Melting point / Freezing point	100°C /0°C
9-6 Initial boiling point	100°C
9-7 Flashing point	300°C
9-8 Evaporation rate	No data available.
9-9 Flammability	No data available.
9-10 Upper / lower flammability or explosive limits	No data available.
9-11 Vapor pressure	No data available.
9-12 Solubility	Good
9-13 Vapor density	Not applicable
9-14 Related density	1.0 - 1.2
9-15 partition coefficient : n-	No data available.
9-16 Auto-ignition temperature	No data available.
9-17 Decomposition temperature	No data available.
9-18 Viscosity	< 400
9-19 Formula mass	No data available.

10. Stability and Reactivity

10-1 Chemical stability and possibility of hazardous reactions	The product is chemically stable. No hazardous reactions when stored and handled according to instructions.
10-2 Conditions to avoid (e.g. static discharge, shock or ...)	No conditions known that should be avoided.
10-3 Incompatible materials	No data available.
10-4 Hazardous decomposition products	No hazardous decomposition products if stored and handled as Prescribed / indicated.

11. Toxicological Information

11-1 Information on the likely routes of exposure	
Respiratory	Exposure is expected.
Oral	Exposure is expected.
Eye , Skin	Exposure is expected.
11-2 Health hazards information	
Acute toxic	No data available.
Skin corrosive / irritant	No data available.
Serious eye damage / eye irritation	No data available.
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	No data
Specific target organ toxicity (repeated	No data
Aspiration hazard	No data

12. Ecological Information

12-1 Aquatic and terrestrial ecotoxicity	No data available.
12-2 Persistence and degradability	No data available.
12-3 Bio accumulative potential	No data available.
12-4 Mobility in soil	No data available.
12-5 Other adverse effects	No data available.

13. Disposal considerations

13-1 Disposal method	Dispose of in accordance with local regulations.
13-2 Disposal precaution	Dispose of in accordance with local regulations.

14. Transport Information

- 14-1 UN number Not classified.
- 14-2 UN proper shipping name Not classified as a dangerous good under transport regulations
- 14-3 Transport hazard class Not classified as a dangerous good under transport regulations
- 14-4 Packing group Not classified as a dangerous good under transport regulations
- 14-5 Marine pollution Not classified as a dangerous good under transport regulations
- 14-6 Special precaution Not classified as a dangerous good under transport regulations
- 14-7 IMDG-Class Not classified as hazardous for transport
- 14-8 IMDG-Marine pollutant Not marked as a marine pollutant
- 14-9 IATA-Class Not classified as hazardous for transport

IATA NOT REGULATED

15. Regulatory Information

15-1 Industrial safety and health act	
Harmful substances prohibited from	No subject chemicals
Harmful substances requiring permission	No subject chemicals
Controlled hazardous substances	No subject chemicals
15-2 Toxic chemical control act	
Toxic chemicals	No subject chemicals

Observational chemicals	No subject chemicals
Prohibited chemicals	No subject chemicals
Restricted toxic chemicals	No subject chemicals
Korean TRI chemicals	No subject chemicals
Accident release prevention	No subject chemicals
15-3 Dangerous material safety control act	
Classification	Not applicable for Korea Fire Law.
15-4 Wastes management act	Product should be disposed of in accordance with Management Law Article 13.
15-5 Other requirements in domestic and other countries	
OSHA	Not applicable
CERCLA	Not applicable
EPCRA 302, 304, 313	Not applicable
Rotterdam Convention on	Not applicable
Stockholm Convention on	Not applicable
Montreal Protocol on Substances	Not applicable
EU Classification	Not applicable

16. Other Information

16-1 Information source and references	No data available
16-2 Issuing date	20.May.2020
16-3 Revision number and date	
Revision number	0
Revision date	
16-4 Others	Not determined