



MATERIAL SAFETY DATA SHEET

WATERTITE 102

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Material/Trade Name	Watertite 102
Material Type	Flexible Cementitious Waterproofing Membrane
Company	Republic Chemical Industries, Inc.
Address	731 Aurora Boulevard, Quezon City, 1112 Philippines
Telephone	+63 2 721 5781 to 86
Fax	+63 2 727 5095
Website	www.repchem.com

2. COMPOSITION/INFORMATION INGREDIENTS

Chemical Identity	CAS No.	%
LIQUID PART:		
Acrylic Binder	Mixture	>50.0%
Defoamer	Trade Secret	<0.1%
Stabilizer	Trade Secret	<0.1%
POWDER PART:		
Mineral Filler	471-42-1	<10.0%
Portland Cement	65997-15-1	<20.0%
Silica Sands		

3. HAZARDS IDENTIFICATION

Health Hazard Data:

Ingestion

No evidence of harmful effects from available information.

Inhalation

May cause irritation of respiratory tract.

Skin Contact

Prolonged contact may cause transient reddening of the skin.

Eye Contact

Direct contact may cause eye irritation.

4. FIRST AID MEASURES

Ingestion

No harmful effects expected.

Inhalation

No emergency are anticipated.

Skin Contact

Wash skin with soap. If clothing is soaked, remove and wash before use.



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Eye Contact

Immediately flush eyes with plenty of water. Get medical attention if irritation.

5. FIRE FIGHTING MEASURES

Extinguishing Media

This product is a non-flammable aqueous emulsion. After water evaporates, the remaining material will burn. Use alcohol-type or all-purpose-type foams applied by manufacturer's recommended techniques for large fires. Use carbon dioxide or dry chemical media for small fires.

Special Fire fighting Procedure None

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Unusual Fire/Explosion Hazards

Product will not burn but may spatter if temperature exceeds boiling point of water. Dried solids can burn giving off oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

Restrict the area to only those personnel needed. Major spills should be collected for disposal. Minor spills may be flushed to sewer if permitted by local regulations.

7. HANDLING AND STORAGE

LIQUID PART:

Handling

Do not take internally. Avoid contact with eyes and prolonged contact with skin.

Storage

Keep the containers well sealed in cool and airy place.

POWDER PART:

Handling

Avoid creating dust. Wear suitable respiratory equipment. Avoid skin and eye contact.

Storage

Should be stored at room temperature to prolong storage life. Keep containers dry and tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation Requirement

Local exhaust

Eye/Face Protection

Safety goggles/glasses suitable for use with chemicals

Respiratory Protection

Respirator with organic vapor cartridge.

Other protective Equipment

Eye bath and safety shower.

9. PHYSICAL AND CHEMICAL PROPERTIES

LIQUID PART:

Form

Viscous Liquid

Color

Milky White



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Odor	Sweet
Flash Point	Not applicable (aqueous system)
Solid Content	40 – 45%
pH	6-8
Viscosity@25°C	40 – 100 cps
POWDER PART:	
Appearance	Gray powder
Bulk Density	1.350 – 1.50
Odor	Odorless
10. STABILITY AND REACTIVITY	
Stability Stable under recommended condition. High storage temperature can alter some of the products characteristics such as viscosity.	
Hazard Polymerization Will not occur.	
Materials To Avoid Concentrated acids, strong alkalis, oxidizing agents.	
Hazardous Combustion Products No information available.	
11. TOXICOLOGICAL INFORMATION	
Skin Irritation Repeated skin contact may possibly cause dermatitis. Irritation of the skin vary from very slight to slight.	
12. ECOLOGICAL CONSIDERATION	
Not available.	
13. DISPOSAL CONSIDERATIONS	
Dispose of in accordance with local and national regulations.	
14. TRANSPORT INFORMATION	
Not subject to IATA regulations This product is a water-based, therefore non-hazardous and non-dangerous for the purpose of transportation.	
15. REGULATORY INFORMATION	
TSCA 8(b) Inventory – all component of this product are listed on the TSCA inventory. SARA 313 Toxic Chemical Notification and Release Reporting – vinyl acetate, plasticizer.	
6. OTHER INFORMATION	
None	