

SAFETY DATA SHEET

12/19/2021

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING

Product name Fortify Sealer

Synonyms

Chemical characterization

Manufactured For:

Inert polymers/metal oxides fusion in water

NewEraSOS Scientific Optimal Solutions

11700 W Charleston Blvd., #170-430

Las Vegas, NV 89135

EMERGENCY TELEPHONE
NUMBER

1-800-222-1222



2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Chemical Name	% Weight	ACGIH TWA	Acute Toxicity	IARC*	NTP*	OSHA*
7732-18-5	Hydrogen Hydroxide	<60%			No	No	No
66327-52-4	PLGA Polymeric Particles Fusion	<40%			No	No	No
85408-88-4	Anti-rust additive	<18%			No	No	No
68132-96-7	Anti-static additive	<8%			No	No	No
63148-62-9	Organo-functional Siloxane Blend	<4%			No	No	No
13463-67-7	TiO2 Nano particles	<2%			No	No	No
1314-13-2	ZnO Nano particles	<2%			No	No	No

* IARC - Group 1 (Carcinogenic to humans)

* NTP - Report on Carcinogens – Known Carcinogens

* OSHA - Regulated Carcinogens

3. HAZARDS IDENTIFICATION

Emergency Overview

Keep away from open wounds and cuts

Eye Contact	Avoid eye contact
Skin Contact	Avoid skin contact
Inhalation	Avoid inhalation
Ingestion	Avoid ingestion
General Advice	Slight risk
Properties Affecting Health	Slight risk
Principle Routes of Exposure	Skin contact

4. FIRST AID MEASURES

General Advice	
Skin Contact	Rinse with soap and water
Eye Contact	Flush eyes with water
Inhalation	Move to well ventilated area

Ingestion	If swallowed drink water, see physician immediately
Notes to Physician	Inert polymers in water
Protection of First-Aiders	Inert polymers in water
Aggravated Medical Conditions	none

5. FIRE-FIGHTING MEASURES

Flash Point	Same as water
Suitable Extinguishing Media	Water and foam are suitable
Extinguishing media which must not be used for safety reasons	N/A

Specific Hazards

Special exposure hazards rising from the substance or preparation itself, its combustion products, or released gases	N/A
Special protective equipment for firefighters	This is not a hazardous product. No special equipment required

Specific Methods

NFPA (National Fire Protection Association)	Health= (slight)	Reactivity=0	Fire=0	Special= (none)
HMIS (Hazardous Material Information System)	Health= (slight)	Reactivity=0	Fire=0	Special= (none)

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	
Environmental precautions	None. If spilled, rinse water is safe to discharge in to the drain.
Methods for cleaning up	Soap and water

7. HANDLING AND STORAGE

Handling

Technical Measures / Precautions	Store between 40 F and 110 F
Safe Handling Advice	Keep away from excess heat. Store product at room temperature.

Storage

Technical Measures / Precautions	Keep container closed when not in use
Incompatible Products	N/A. Do not mix with other cleaning products or with polish.
Specific use(s)	N/A Do not use this product on a smooth floor. May make surface very slippery.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures	None
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Personal protective equipment

Hand Protection	Wear rubber gloves. Prolong contact may make skin slippery.
Eye protection	Use chemical goggles and ensure an eyewash station is readily available
Respiratory Protection	Ensure there is adequate ventilation. But not required.
Skin and Body Protection	Keep away from open wounds or cuts
Hygiene measures	Wash hands with soap and water after use
Environmental exposure controls	None-If large spills occurs Contain the spill; recollect in suitable container for disposal

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Form	Liquid
Appearance	Opaque to white
Odor	Sweet lemon

Important Health Safety and Environmental Information

pH	7.0-8.0
Boiling Point / Range	Same as water
Flash Point	Same as water
Molecular Weight	No Data same as water
Vapor Pressure	Same as water
Vapor Density	Same as water
Water Solubility	100%
Specific Gravity	1.01
Melting Point / Range	N/A

10. STABILITY AND REACTIVITY

Stability	This material is stable
Materials to Avoid	Do not mix with other chemical
Hazardous Decomposition Products	N/A
Polymerization	Hazardous polymerization will not occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity N/A

Component Information Water and inert polymers

Product Information Water and inert polymers

Local Effects

Skin Irritation	Prolong contact may skin dry and slippery.
Eye Irritation	May cause slight redness.
Inhalation	None No data available.
Ingestion	May cause slight stomach discomfort.
Sensitization	None- No data available.
Carcinogenic Effects	N/A
Mutagenic Effects	N/A
Reproductive Toxicity	N/A
Target Organ Effects	N/A
Chronic Toxicity	None- No data available

Specific Effects

12. ECOLOGICAL INFORMATION

Ecotoxicity Effects NONE

Component information

CAS	Chemical Name	% Weight	ACGIH*	OSHA*
NA				
NA				

* ACGIH - Occupational Exposure Limits - TWA's

* OSHA - PELs

Product Information

Aquatic Toxicity	None
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Other Information

Ozone Depletion Potential; ODP; (R-11=1)	None. Ozone safe, full VOC compliance
Global Warming Potential (GWP)	None. Ozone safe, full VOC compliance
Additional Ecological Information	N/A Non polluted for air, water and soil
Mobility	N/A
Bioaccumulative Potential	N/A
Ecotoxicity Effects	N/A
Aquatic Toxicity	N/A

13. DISPOSAL CONSIDERATIONS

Waste From Residues / Unused Products	Follow federal, state, and local government regulations for disposal
Contaminated Packaging	As above

14. TRANSPORT INFORMATION

DOT	Shipping Class-55
UN-No	Not applicable
Proper shipping name	Cleaning compound Liquid
Packing group	PG-III
Subsidiary Risk	None
Description	Water and Inert polymers

15. REGULATORY INFORMATION

CERCLA	RCRA	VOC	EUOED*
N/A	N/A	None	N/A

* EUOED - EU Occupational Exposure Directive (98/24/EC) Indicative Occupational Exposure Limit Values (IOELV)

16. OTHER INFORMATION

Literary Reference	None.
Prepared By	Regulatory Control.
	End of Safety Data Sheet