



MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

Trade name: **Forton VF 812®**
Description: Glass Reinforced Polymer Modified Gypsum Casting System

Manufacturer's name:
Zoho Stone LLC
34318 US Highway 19, Palm Harbor FL 34684
Phone (727) 230-6956, Fax (727) 230-9716

Chemical name: Self-cross linking acrylic copolymer dispersion
Chemical name of solvent (s): --
Other (s): Water

II. INGREDIENTS AND HAZARDS

<u>Ingredients Name:</u>	<u>CAS Number</u>	<u>Percent</u>	<u>Exposure Limits in Air</u> <u>TLV (ACGIH)</u>
Forton VF- 812®	EEC 67/548	40%	very low

III. TRANSPORT CLASSIFICATION

ADR	Class	figure
IMCO	Class	page
UN No.		

III.I LABELLING REGULATIONS OF THE PRODUCT

Classification content: R - phrases
S - phrases
Symbol: P - phrases

IV. REACTIVITY DATA

Hazardous reactions: NONE

V. FIRE AND EXPLOSION HAZARD DATA

Flashpoint, °C (ISO 1523)
Explosive limits in air: lower level upper level
Material % vol. % vol.

Auto ignition temperature
Extinguishing media: % sand % non - combustible
Protective equipment: % self contained breathing apparatus
- Other

Hazardous thermal

Decomposition products: Noxious fumes

VI. HEALTH HAZARD DATAEffects of over exposure

- Inhalation	Headache, dizziness
- Ingestion	Irritation of alimentary canal
- Eyes	Irritation
- Skin	Irritation

First Aid Procedure

- Inhalation	Remove to fresh air
- Ingestion	Give plenty of water to drink, get medical attention
- Eyes	Immediately wash with plenty of water, at least 15 min. If irritation persists, seek medical attention.
- Skin	Wash thoroughly with water and soap
- Contaminated clothing	Remove and launder before re - use

VII. SPILL OR LEAK PROCEDURES

Corrective actions to take:	Confine area of spill – absorb with dry sand or other inert material – transfer to suitable container for disposal
Waste disposal method:	Controlled incineration
Empty drums disposal method:	Empty drums retain solvent vapors, hazardous in respect of fire, explosion and noxiousness – Disposal only by reputed drum re-conditioners

VIII. PERSONAL PROTECTION PRECAUTIONS

Respiratory Protection:	Avoid inhalation of vapors- use adequate respiratory equipment.
Eye / face protection:	Safety eye wear against splash
Skin protection:	Wear rubber or synthetic gloves. Prevent contact with contaminated clothing.

IX. STORAGE AND HANDLING PRECAUTIONS

Area:	Indoor / outdoor, preferably between 5 – 25 °C. Direct sunshine should be avoided. Keep from freezing.
Ventilation and exhaust system:	Have sufficient ventilation.
Washing facilities:	Adequate washing facilities and emergency eye washing equipment – skin cleaners available.
Dust:	Dust / air mixtures constitute a fire and explosion hazard. Prevent accumulation of dust
Empty drums:	See section VII.

X. PHYSICAL DATA

Product name:	Forton VF 812
Solubility in water 20°C, % by WT:	Dilatable
Acidity (pH):	4.5 – 5.0
Appearance, color index:	Milky – white
Boiling point at 101.3 kPa, °C.	Approx. 100
Volatile, percentage by WT:	50
Viscosity at 23°C, mPa.s:	200-450



Density at 20°C, kg/m³:	Approx. 1070
Odor:	Mild odor
Vapor pressure at 20°C, kPa:	--
Melting range, °C:	--
Class transition temperature °C:	--