

Material Safety Data Sheet

Mighty Chemical Co., Ltd.
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Mighty Compound

(Mixed with Mighty Emulsion for Mighty-CF)

Components of Mighty Compound

White Cement	36%
Calcium Sand	54%
Calcium carbonates	1.9%
4%Carbon Fiber Conk Item	8.0%
MC	0.1%

Material Safety Data Sheet

Product Name : **Mighty Compound**

MIGHTY • CF

Mighty Chemical Co., Ltd.

Section I - Manufacturer's Information

Manufacturer
Company **Mighty Chemical Co., Ltd.**
Address 2080 Kurotani Iwatsuki-ku Saitama Japan
Contact Gotan Kaneo
tel 048-791-3303
fax 048-791-3304

Section II - Physical / Chemical Characteristics

Property of Product :

Chemical Name :	Compound Materials	CAS NO and etc		
Structural Formula (Chemical Formula)				
Compound material Name	Chemical Formula	Public Classification Number	CAS NO / UN Classification	
Cement	3CaO. SiO ₂	(1) - 194	65997-15-1	N/A
	2CaO. SiO ₂	(1) - 194	65997-15-1	N/A
	3CaO. Al ₂ O ₃	(9) - 2408	65997-15-1	N/A
	4CaO. Al ₂ O ₃ . Fe ₂ O ₃	N/A		
Silica Sand	SiO ₂	N/A	N/A	N/A
Methyl Cellulose	C ₆ H ₇ O ₂ (OH) ₂ OCH ₂	(8) - 187	9032-42-2	
Carbon Fiber	C	N/A	N/A	N/A
Dry Gypsum	CaSO ₄	(1) - 193	7778-18-9	N/A
Alum Stone	K ₂ O. 3Al ₂ O ₃ . SO ₃	N/A	N/A	N/A
Naphthalene Suruhon Acid	C ₁₀ H ₆ . SO ₂ . Na. CH ₂		N/A	N/A

Physical / Chemical Characteristics

Appearance :
Boiling Point :
Vapor Pressure : Pa
Evaporation Rate : N/A
Melting Point : About 1500 Degree Centigrade
Specific Gravity : About 2.80
Solubility in Water : Water Dilute a Little

Section III - Dangerous / Hazardous Classification and Information

Classification Category : Chemical Components are not classified as dangerous hazardous materials.

Dangerous information :
Health hazard Data : May cause eye redness or irritation. May cause temporary redness or skin rash.

Environmental Impact : Not known.

Hazardous Information

Auto Ignition Point : None
Flash Point : None
Flammable Limits : Not flammable by itself
Auto Ignition Rate : (Natural ignition, Reaction with H₂O) None
Oxidation : None
Fire & Explosion Hazards : None

Powder particle Explosion : None
Stability, Reaction : Harden after some amount of absorption.
Others

Hearth Hazard Data

Skin : May cause temporary redness and skin rash.
Irritant (Skin/Eye) : May cause eye redness and irritation due to the alkali of cement.
May cause headache through inhaling vapor.
Acute toxicity (Including more than 50% fatal volume) :
Not known
Cancerous Elements : Not known
Special Variation Elements (Microorganism, Abnormal Chromosome) :
Not known
Reproduction Toxicity : Not known
Threat to Deformity : Not known
Others (Create poisonous gas due to the reaction with water) :
Not known

Environmental Hazard Data

Dissolution : Not known
Accumulation : Not known
Threat to Fish : A large amount of alkali from cement may cause to kill fish.

Section IV - Emergency and first Aid Procedures

Eye Contact : Flush with Clean water immediately.
Seek medical attention if necessary.
Skin Contact : Remove grossly contaminated clothing including shoes.
Wash affected area with soap and warm water.
Inhalation : If vapors or gas are inhaled, move individual to fresh air.
Keep individual in right temperature, and seek medical attention.
In case you swallow : Rinse with clean water or Salt Water.
Induce vomiting, and see medial attention.

Fire emergency procedure

How to extinguish : This material does not burn itself.

Section V - Control Measures of Leak

Shut down the leak flow with blanket or soil. If you encounter a large amount of leak, vaccum out contaminants. If there is a little leak, container with saw dust, or Sand, or parlight to get rid of.
Wear boots, gloves, and goggles during work for a protection. Report the leak to fire department, water department, health department, and other appropriate offices when it goes into the river, pond, lake, and sea.

Section VI - Storing and Handling Measures

Handling : Handle in well ventilated area. Wear goggles and gloves for eye and skin protection.
Wear protection mask with air filer or install portable ventilation device when you have a work to create spray mist or vapor.
Store : Store on the pallet in dry area under the roof.

Section VII - Precaution / Safe Handling of Use

Precaution of prevention from Exposure

Control Density : Not established
Allowable Density : Japan Industrial Health Association Not established
ACGIH : Not established

Device : Install portable ventilation device if necessary
Protection : Mask with air filter : Recommended
Goggles : Recommended
Gloves : Recommended
Protection Clothing : Recommended

Waste Disposal Method :

A large amount of waste may cause to harden water due to the alkali from cement, dispose in accordance with a Federal, State, and local regulation.

Transportation Measures :

Do not wet the bag. (Bag is made out of paper)

Notes : The information contained herein is accurate as of the current available materials, information, and data. It may be revised or modified by means of a subsequent new data/information. Precautions on material handling are suggested under a normal circumstance of recommendable usage of the products. Determine appropriate safety measure when you handle under special purpose. The information is for reference only and does not guaranty.

Kaneo Gotan

Kaneo Gotan
President
Mighty Chemical Co., Ltd.

