



SAFETY DATA SHEET

DRY BLOCK
FG 11642

DATE OF
June 30,2020

SECTION 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : DRY BLOCK
PRODUCT NAME : FG 11642
RECOMMENDED USE : Concrete Water Proofing Paint
APPLICATION METHOD : Brush, roller or spray
MANUFACTURER : ChemMasters Inc.
300 Edwards Street
Madison, OH 44057
EMERGENCY TELEPHONE NUMBER : 1-800-424-9300
TECHNICAL PHONE NUMBER : 800-486-7866, 440-428-2105

SECTION 2 -- HAZARDS IDENTIFICATION

Emergency overview :

GHS Classification

Repr. 2, STOT RE 3, Skin Irritant. 2, Carcinogen 1B

Symbol(s) of Product



Signal Word
Danger

GHS HAZARD STATEMENTS

Causes skin irritation. May cause genetic defects. Causes damage to lungs through prolonged or repeated exposure. May cause cancer.

GHS LABEL PRECAUTIONARY STATEMENTS

P201	Obtain special instructions before use.
P233	Keep container tightly closed.
P260	Do not breathe dust/fumes/gas/mist/vapors/spray.
P264	Wash thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P281	Use personal protective equipment as required.
P392+P352	IF ON SKIN: Wash with plenty of water/...
P308+P313	IF exposed or concerned. Get medical advice/attention.
P314	Get medical advice/attention if you feel unwell.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362	Take off contaminated clothing.

SECTION 2 -- HAZARDS IDENTIFICATION

P370+P378 In case of fire: Use dry chemical, CO₂, water spray (fog) or foam.
 P403+P235 Store in a well-ventilated place. Keep cool.
 P501 Dispose of contents/container (See Section 13 Disposal Considerations)

GHS SDS PRECAUTIONARY STATEMENTS

P363 Wash contaminated clothing before reuse.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

NAME	CAS#	% (W/W)
calcium carbonate	1317-65-3	24.0
hydrous calcium magnesium silicate mineral mixture	14807-96-6	18.0
silica sand	14808-60-7	14.6
titanium dioxide	13463-67-7	>1.0
blend of silica & organic solids	NE	0.8

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4 - FIRST AID MEASURES

FIRST AID - INHALATION: Move to fresh air in case of accidental inhalation of vapors or decomposition products. Move to fresh air.
 FIRST AID - SKIN CONTACT: If skin irritation persists, call a physician. Wash off immediately with soap and plenty of water. Wash off with soap and water.
 FIRST AID - EYE CONTACT: Flush eye(s) immediately with plenty of water. Rinse with plenty of water.
 FIRST AID - INGESTION: Call a physician or Poison Control Center immediately. Consult a physician.

SECTION 5 - FIRE-FIGHTING MEASURES

Flammability of the product : In a fire or if heated, a pressure increase will occur and the container may burst.

Extinguishing media

Suitable : Use an extinguishing agent suitable for the surrounding fire.

Not suitable : None known.

Special exposure hazards : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Hazardous combustion products : Decomposition products may include the following materials:
 carbon oxides
 metal oxide/oxides

SECTION 5 - FIRE-FIGHTING MEAUSES

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Soak up with inert absorbent material and dispose of as hazardous waste.

SECTION 7 - HANDLING AND STORAGE

Handling : Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Do not swallow. Do not get in eyes or on skin or clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. If this material is part of a multiple component system, read the Material Safety Data Sheet(s) for the other component or components before blending as the resulting mixture may have the hazards of all of its parts

Storage : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Do not store below the following temperature: 32F / 0C

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with Occupational Exposure Limits

CHEMICAL NAME	ACGIH-TLV TWA	ACGIH-TLV STEL	OSHA PEL-TWA	OSHA PEL-CEILING
Calcium Carbonate	N.E	N.E.	N.E	10 mg/m ³ 20 mg/m ³
Titanium Dioxide	10 mg/m ³	N.E	N.E	20 mg/m ³ (as Ti)
Hydrous calcium magnesium	2 mg/m ³	-	-	-
Quartz	.025 mg/m ³	N.E.	(30)/(% SiO ₂ + 2)	15 mg/m ³

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation Sk = Skin Sensitizer N.E. = Not Established

Personal Protection



RESPIRATORY PPROTECTION: In case of insufficient ventilation, wear suitable respiratory equipment. In the case of repairable dust and/or fumes, use self-contained breathing apparatus.



SKIN PROTECTION: Impervious gloves.



EYE PROTECTION: Safety glasses with side-shields.



OTHER PROTECTIVE EQUIPMENT: Impervious clothing.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION



HYGIENIC PRACTICES: It is good practice in industrial hygiene to avoid contact with solvents by using appropriate protective measures whenever possible. Keep working clothes separately.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Flash Point	Closed cup: >100°C (>212°F)
Explosion limits	Not available
Color	White
Odor	Not available
pH	8.3 - 8.6
Boiling/condensation point	Not available
Melting/freezing point	Not available
Specific gravity	1.56
Density (lbs/gal)	12.99
Vapor pressure	Not available
Volatility	Not available
Evaporation rate	Slower than ether
Solubility	Completely soluble in the following materials: water
Partition coefficient: noctanol/water	Not available
% Solid. (w/w)	

SECTION 10 - STABILITY AND REACTIVITY

Stability	Stable under recommended storage and handling conditions (see Section 7).
Conditions to avoid	No specific data
Materials to avoid	Reactive or incompatible with the following materials: acids, oxidizing materials, strong alkalis
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced
Hazardous polymerization	Under normal conditions of storage and use, hazardous polymerization will not occur

SECTION 11 - TOXICOLOGICAL INFORMATION

Practical Experience

EFFECT OF OVEREXPOSURE - INHALATION: Inhalation may cause irritation to the respiratory tract (nose, mouth, mucous membranes).

EFFECT OF OVEREXPOSURE - SKIN CONTACT: Direct skin contact may cause irritation. Local ventilation of emission sources may be necessary to maintain ambient concentrations below recommended exposure limits.

EFFECT OF OVEREXPOSURE - EYE CONTACT: Direct eye contact may cause irritation. Mild eye irritation.

EFFECT OF OVEREXPOSURE - INGESTION: Harmful: may cause lung damage if swallowed.

CARCINOGENICITY: No information.

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

Product/ingredient name	Result	Species	Dose	Exposure
1 titanium dioxide	LD50 Oral –	Rat	>10 g/kg	
Hydrous calcium magnesium	LD50 Oral-	Rat	Unknown	

SECTION 11 - TOXICOLOGICAL INFORMATION

Conclusion/Summary : Not available.

Chronic toxicity

Conclusion/Summary : Not available.

Defatting irritant

Prolonged or repeated contact can de-fat the skin and lead to irritation, cracking and/or dermatitis.

Target organs :

Contains material which causes damage to the following organs: eyes.
Contains material which may cause damage to the following organs: lungs, upper respiratory tract, skin, stomach.

Carcinogenicity

Classification

Carcinogenicity :

Contains material which may cause cancer, based on animal data. Risk of cancer depends on duration and level of exposure.

Product/ingredient name	ACGIH	IARC	NTP
titanium dioxide	A4	2B	-
Quartz	-	1	KHC

Carcinogen Classification code:

ACGIH: A1, A2, A3, A4, A5

IARC: 1, 2A, 2B, 3, 4

NTP: Known to be a human carcinogen; Reasonably anticipated to be a human carcinogen

Not listed or regulated as a carcinogen: -

Teratogenicity : Contains material which may cause birth defects, based on animal data.

SECTION 12 - ECOLOGICAL INFORMATION

Environmental effects : No known significant effects or critical hazards.

Aquatic ecotoxicity

Product/ingredient name	Result	Species	Exposure
titanium dioxide	Acute LC50 >100 mg/l Fresh water	Daphnia - Daphnia magna	48 hours

SECTION 13 - DISPOSAL CONSIDERATIONS



Waste disposal

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees. Section 6. Accidental release measures

SECTION 14 - TRANSPORT INFORMATION

SPECIAL TRANSPORT PRECAUTIONS: Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

DOT Proper Shipping:	Not Regulated	Packing Group:	
DOT Technical Name:	Paint	Hazard Sub Class:	
DOT Hazard Class:	NA	Resp. Guide Page:	
DOT UN/NA Humber	NA		

SECTION 15 - REGULATORY INFORMATION

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS#	CHEMICAL/COMPOUND	% by WT	% Element
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Silica Sand, All Grades (14808-60-7)
SARA Section 311/312 Hazard Classes Immediate (acute) health hazard
Delayed (chronic) health hazard

CALIFORNIA PROPOSITION 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

Quartz (14808-60-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

SECTION 16 - OTHER INFORMATION

implemented HMIS®program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials maybe purchased exclusively from J. J. Keller (800) 327-6868. The customer is responsible for determining the PPE code for this material.

National Fire Protection Association (U.S.A.)

Health: 1* Flammability: 1 Instability: 0

Hazardous Material Information System (U.S.A.)

Health: 1* Flammability: 1 Physical hazards: 0

(*) – Chronic effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks Although HMIS® ratings are not required on MSDSs under 29 CFR 1910. 1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully

Indicates information that has changed from previously issued version.

Date of previous issue : Rev 0.

Organization that prepared : ChemMasters Inc.
the SDS

Disclaimer

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by ChemMasters Inc., and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.