

Engineered Concrete Performance

Perma-Cast® Antiquing Release

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THIS SDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD)

Section 1 Identification

PRODUCT IDENTITY: Perma-Cast® Antiquing Release
PRODUCT USES: Bond breaker for stamping concrete

COMPANY IDENTITY: Butterfield Color
COMPANY ADDRESS: 625 W Illinois Ave.
COMPANY CITY: Aurora, IL 60506
COMPANY PHONE: 1-630-906-1980
EMERGENCY PHONES: CHEMTREC: 1-800-424-9300 (USA)
CANUTEC: 1-613-996-6666 (CANADA)

Section 2, Hazard(s) identification

Danger



2.1 HAZARD STATEMENTS: (CAT = Hazard Category)

H100s = General, H200s = Physical, H300s = Health, H400s = Environmental

H350 May cause cancer (Inhalation) (CAT:1)
H370 Causes damage to organs (lung/respiratory system) (CAT:1)
H303 May be harmful if swallowed. (CAT:5)
H313 May be harmful if contacted with skin.(CAT:5)
H320 Causes eye irritation. (CAT:2B)
H333 May be harmful if inhaled. (CAT:5)

2.2 PRECAUTIONARY STATEMENTS:

P100s = General, P200s = Prevention, P300s = Response, P400s = Storage, P500s = Disposal

P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P264 - Wash hands, forearms and face thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P405 - Store locked up
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P264 - Wash with soap & water thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302+352 IF ON SKIN: Wash with soap & water.
P304+340 IF INHALED: Remove victim to fresh air & keep at rest in a position comfortable for breathing.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present & easy to do - Continue rinsing.
P308+P313 - If exposed or concerned: Get medical advice/attention
P309+311 If exposed or you feel unwell: Call a POISON CENTER or doctor/physician.
P332+313 If skin irritation occurs: Get medical advice/attention.
P337+313 If eye irritation persists, get medical advice/attention.
P361 - Remove/Take off immediately all contaminated clothing.
P363 - Wash contaminated clothing before reuse.
P501 - Dispose of contents/container in accordance with local, regional, national and international regulation.

SEE SECTIONS 8, 11 & 12 FOR TOXICOLOGICAL INFORMATION.

Section 3, Composition / Information on Ingredients

Mixture

MATERIAL	CAS#	EINECS#	WT
Talc	14807-96-6	238-877-9	40-60%
Chlorite-group minerals	1318-59-8	215-285-9	5-20%
Iron Oxide	1332-37-2	215-570-8	2-10%
Quartz (impurity)	14808-60-7	215-683-2	0-3%

TRACE COMPONENTS: Trace ingredients (if any) are present in < 1% concentration. None of the trace ingredients contribute significant additional hazards at the concentrations that may be present in this product. Trade Secret Component is non-hazardous. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalents, and Canadian Hazardous Materials Identification System Standard (CPR 4).

Section 4, First Aid Measures

4.1 MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE & DELAYED:
See Section 11 for symptoms/effects, acute & delayed.

4.2 GENERAL ADVICE:

First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). If potential for exposure exists, refer to Section 8 for specific personal protective equipment.

4.3 EYE CONTACT:

If this product enters the eyes, open eyes while under gently running water. Use sufficient force to open eyelids. "Roll" eyes to expose more surface. Minimum flushing's for 15 minutes. Seek immediate medical attention.

4.4 SKIN CONTACT:

If the product contaminates the skin, wash with soapy water.

4.5 INHALATION:

After high vapor exposure, remove to fresh air.

4.6 SWALLOWING:

If swallowed, CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. If professional advice is not available, give two glasses of water to drink. DO NOT INDUCE VOMITING. Never induce vomiting or give liquids to someone who is unconscious, having convulsions, or unable to swallow. Seek immediate medical attention.

4.7 NOTES TO PHYSICIAN:

There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient. Any material aspirated during vomiting may cause lung injury. Therefore, emesis should not be induced mechanically or pharmacologically. If it is considered necessary to evacuate the stomach contents, this should be done by means least likely to cause aspiration (such as: Gastric lavage after endotracheal intubation).

Section 5, Fire Fighting Measures

5.1 FIRE & EXPLOSION PREVENTIVE MEASURES:

The material is non-flammable and will not support combustion.

5.2 SUITABLE (& UNSUITABLE) EXTINGUISHING MEDIA:

NA.

5.3 SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS FOR FIRE FIGHTERS:

NA.

5.4 SPECIFIC HAZARDS OF CHEMICAL & HAZARDOUS COMBUSTION PRODUCTS:

NA

Section 6, Accidental Release Measures

6.1 SPILL AND LEAK RESPONSE AND ENVIRONMENTAL PRECAUTIONS:

Isolate and contain spill. Avoid excessive dust generation and runoff into a sewer or waterway. Materials can be collected and reused if possible. Place waste in a disposal container and dispose of in accordance with local and state RCRA rules and regulation.

6.2 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, EMERGENCY PROCEDURES:

A disposal dusk mask can be used to prevent excessive dust accumulation.

6.3 ENVIRONMENTAL PRECAUTIONS:

NA.

6.4 METHODS AND MATERIAL FOR CONTAINMENT & CLEAN-UP:

Pick up material and reuse as needed.

Section 7, Handling and Storage

7.1 PRECAUTIONS FOR SAFE HANDLING:

Standard work gloves, disposable dust mask to control excessive dust.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Store in a cool, dry location. Isolate from Fluorine, magnesium, acids, alum, ammonium salts.

Section 8, Exposure Controls / Personal Protective Equipment

8.1 EXPOSURE LIMITS:

MATERIAL	CAS#	EINECS#	TWA (OSHA)	TLV (ACGIH)
Quartz (impurity)	14808-60-7	215-683-2	0.025 mg/m ³	
Talc	14807-96-6	238-877-9	2 mg/m ³	
Iron 1332-37-2	215-168-2		10 mg/m ³	

8.2 APPROPRIATE ENGINEERING CONTROLS:

RESPIRATORY EXPOSURE CONTROLS

Maintain airborne contaminant concentrations below exposure limits given above. If respiratory protection is needed, use only protection authorized in 29 CFR 1910.134, European Standard EN 149, or applicable State regulations.

EMERGENCY OR PLANNED ENTRY INTO UNKNOWN CONCENTRATIONS OR IDLH CONDITIONS

NA.

VENTILATION

LOCAL EXHAUST: If Necessary MECHANICAL (GENERAL): If Necessary

SPECIAL: None OTHER: None

Please refer to ACGIH document, "Industrial Ventilation, A Manual of Recommended Practices", most recent edition, for details.

8.3 INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:

EYE PROTECTION:

Splash goggles or safety glasses.

HAND PROTECTION:

Use standard cloth work gloves.

BODY PROTECTION:

Use body protection appropriate for task. Coveralls, are generally acceptable, depending on the task.

WORK & HYGIENIC PRACTICES:

Provide readily accessible eye wash stations & safety showers. Wash at end of each shift & before eating, smoking or using the toilet. Remove clothing that becomes contaminated.

Section 9, Physical & Chemical Properties

APPEARANCE:	Color Pigmented Powder (Color Varies)
ODOR:	No Odor
ODOR THRESHOLD:	Not Available
pH (Neutrality):	Not Available
MELTING POINT/FREEZING POINT:	Not Available
BOILING RANGE (IBP, 50% Dry Point):	Not Applicable
FLASH POINT (TEST METHOD):	Not Applicable
EVAPORATION RATE (n-Butyl Acetate=1):	Not Applicable
FLAMMABILITY CLASSIFICATION:	Not Applicable
LOWER FLAMMABLE LIMIT IN AIR (% by vol):	Not Applicable
UPPER FLAMMABLE LIMIT IN AIR (% by vol):	Not Available
VAPOR PRESSURE (mm of Hg)@20 C	Not Applicable
VAPOR DENSITY (air=1):	Not Applicable
GRAVITY @ 68/68 F / 20/20 C:	
DENSITY:	Not Available
SPECIFIC GRAVITY (Water=1):	Not Available
POUNDS/GALLON:	Not Available
WATER SOLUBILITY:	Insoluble
PARTITION COEFFICIENT (n-Octane/Water):	Not Available
DENSITY:	Not Available
DECOMPOSITION TEMPERATURE:	Not Available
VOCs (>0.044 Lbs./Sq In) :	Not Applicable
TOTAL VOC'S (TVOC)*:	Not Applicable
NONEXEMPT VOC'S (CVOC)*:	Not Applicable
HAZARDOUS AIR POLLUTANTS (HAPS):	Not Applicable
NONEXEMPT VOC PRESSURE (mm of Hg @ 20 C)	Not Applicable
VISCOSITY @ 20 C (ASTM D445):	Not Applicable

* Using CARB (California Air Resources Board Rules).

Section 10, Stability & Reactivity

10.1 REACTIVITY & CHEMICAL STABILITY:

Stable under normal conditions.

10.2 POSSIBILITY OF HAZARDOUS REACTIONS & CONDITIONS TO AVOID:

NL.

10.3 INCOMPATIBLE MATERIALS:

Isolate from Fluorine, magnesium, acids, alum, ammonium salts,

10.4 HAZARDOUS DECOMPOSITION PRODUCTS:

NL.

10.5 HAZARDOUS POLYMERIZATION:

Will not occur.

Section 11, Toxicological Information**11.1 ACUTE HAZARDS**

11.11 EYE & SKIN CONTACT:
Primary dust irritation to skin, and eyes.

Primary irritation to eyes, redness, tearing, blurred vision.
Wash thoroughly after handling with soap and water.

11.12 INHALATION:
Irritates respiratory tract.

11.13 SWALLOWING:
Harmful if swallowed. Swallowing can cause abdominal irritation, nausea, vomiting & diarrhea.

11.2 SUBCHRONIC HAZARDS/CONDITIONS AGGRAVATED

CONDITIONS AGGRAVATED
NL

11.3 CHRONIC HAZARDS

11.31 NL

11.4 MAMMALIAN TOXICITY INFORMATION

MATERIAL	CAS#	EINECS#	LOWEST KNOWN LETHAL DOSE DATA
NL			LOWEST KNOWN LD50 (ORAL)

Section 12, Ecological Information

12.1 ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

12.2 EFFECT OF MATERIAL ON PLANTS AND ANIMALS:
NL.

12.3 EFFECT OF MATERIAL ON AQUATIC LIFE:
NL.

12.4 MOBILITY IN SOIL
Mobility of this material has not been determined.

12.5 DEGRADABILITY
Will not degrade.

12.6 ACCUMULATION
Bioaccumulation of this product has not been determined.

Section 13, Disposal Considerations

Material may be picked up, reclaimed and reused.

Section 14, Transportation Information

MARINE POLLUTANT: No
DOT/TDG SHIP NAME: Non Regulated
DRUM LABEL: Non Regulated
IATA / ICAO: Non Regulated
IMO / IMDG: Non Regulated

Section 15, Regulatory Information

15.1 EPA REGULATION:
SARA SECTION 311/312 HAZARDS: Non Hazardous, No Sara Reportable

All components of this product are on the TSCA list.
SARA Title III Section 313 Supplier Notification

SARA TITLE III INGREDIENTS	CAS#	EINECS#	WT% (REG.SECTION)	RQ(LBS)
None Listed				

15.2 STATE REGULATIONS:
CALIFORNIA SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT (PROPOSITION 65):
This product contains is not listed.

15.3 INTERNATIONAL REGULATIONS
NA

15.4 CANADA: WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)
NA

Section 16, Other Information

16.1 HAZARD RATINGS:
HEALTH (NFPA): 0, HEALTH (HMIS): 0, FLAMMABILITY: 0, PHYSICAL HAZARD: 0
(Personal Protection Rating to be supplied by user based on use conditions.)
This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.

16.2 EMPLOYEE TRAINING
Employees should be made aware of all hazards of this material (as stated in this SDS) before handling it.

16.3 SDS DATE: 5/29/15

Notice:

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Prepared By: HS&E Compliance Resources