

CERAMCO

MATERIAL SAFETY DATA SHEET

Issued on May 6, 1997

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: Ceramco Stain Set
PRODUCT CODE: 485005
MANUFACTURER/SUPPLIER: Ceramco
 Six Terri Lane
 Burlington, NJ 08016
 USA
 Phone number: (800) 487-0100

Ceramco Europe Ltd.
 Hamm Moor Lane, Addlestone
 Weybridge, Surrey
 KT15 2SE England
 Phone number: 0-1932-856240

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

DESCRIPTION: Organic based liquid.

HAZARDOUS INGREDIENTS:

<u>Component</u>	<u>CAS No</u>	<u>Weight %</u>	<u>OSHA</u>	<u>ACGIH</u>	<u>HAZARDS</u>
Ammonium Caseinate	9000-71-9	10-15	None	None	NA
Soda Lime Silicate Glass	57-55-6	75-85	None	NA	NA

SECTION III - HAZARDS IDENTIFICATION

NFPA HAZARD DESIGNATIONS:

Health:	0	(None)
Flammability:	1	(Slight)
Reactivity:	1	(Slight)
Contact:	2	(Moderate)

IMPORTANT HAZARD INFORMATION: Avoid contact with eyes, skin, clothing.

SECTION IV - FIRST-AID MEASURES

GENERAL INFORMATION: Consult doctor in case of symptoms.
AFTER INHALATION: Remove to fresh air immediately. Perform artificial respiration if necessary. Keep person warm and at rest. Get medical attention immediately.
AFTER SKIN CONTACT: Immediately flush skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately.
AFTER EYE CONTACT: Rinse opened eye for 15 minutes under running water occasionally lifting upper and lower lids, until no evidence of chemical remains. Get medical attention immediately.
AFTER SWALLOWING: Remove ingested material by gastric lavage or emesis. Give artificial respiration with oxygen if respiration is depressed. . Get medical attention immediately.

SECTION V - FIRE-FIGHTING MEASURES

FIRE EXTINGUISHING AGENTS: Water spray, dry chemical, alcohol -resistant foam, carbon dioxide.
SPECIAL PROTECTIVE EQUIPMENT: MSHA/NIOSH approved positive pressure self-contained breathing apparatus with full mask, and full protective clothing.

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SECTION VI - ACCIDENTAL RELEASE MEASURES

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PERSON-RELATED SAFETY PRECAUTIONS:	Avoid skin and eye contact. Provide adequate ventilation.
ENVIRONMENTAL PROTECTION:	Do not allow to enter drainage system, surface or ground water.
MEASURES FOR CLEANING/COLLECTING:	Wear self-contained breathing apparatus and full protective clothing. Stop leak if you can do so without risk. Use water spray to reduce vapors. Take up with sand or other non-combustible absorbent material and place into container for later disposal. Flush spill area with water,
ADDITIONAL INFORMATION:	No additional information.

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SECTION VII - HANDLING AND STORAGE

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INFORMATION FOR SAFE HANDLING:	Do not eat, drink or smoke in areas of use or storage. Use good personal hygiene practices.
PROTECTION AGAINST EXPLOSIONS/FIRES: STORAGE	Closed containers exposed to heat may explode. Store in tightly closed containers in a dry area away from incompatibles (strong oxidizing agents).
COMMON STORAGE FACILITIES:	Suitable for any general chemical storage area.

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SECTION VIII - EXPOSURE CONTROLS AND PERSONAL PROTECTION

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VENTILATION:	Use general or local exhaust to meet ventilation requirements.
EYE PROTECTION:	Avoid eye contact with this material. Wear safety glasses.
SKIN PROTECTION:	Avoid unnecessary skin contact with this material. Use apron and appropriate chemical protective gloves when handling.
RESPIRATORY PROTECTION:	If exposure limits are exceeded or if irritation is experienced, use appropriate respirator or dust mask.

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SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

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PHYSICAL STATE:	Liquid.
FORM:	Clear, viscous solution with a slightly acidic taste.
COLOR:	Colorless
ODOR:	NA
pH:	Slightly basic.
MELTING POINT:	-59°C
BOILING POINT:	187°C
FLASH POINT:	210°C
VAPOR DENSITY:	2.62
AUTOIGNITION TEMPERATURE:	NA
DANGER OF EXPLOSION:	NA
FLAMMABILITY:	2.60 - 12.60
VAPOR PRESSURE:	~0.1 mmHg @ 20°C
DENSITY:	1.04 @ 15°C
SOLUBILITY/ MISCIBILITY	Soluble.

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SECTION X - STABILITY AND REACTIVITY

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STABILITY:	Stable.
HAZARDOUS POLYMERIZATION:	Will not occur.
CONDITIONS TO AVOID:	Flame, sources of ignition, moisture.
MATERIALS TO AVOID:	Strong oxidizing agents.
DECOMPOSITION PRODUCTS:	Carbon dioxide, carbon monoxide.

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SECTION XI - TOXICOLOGICAL INFORMATION

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CARCINOGENEITY:	NTP: no	IARC: no	Z LIST: no	OSHA REG: no
EFFECTS OF OVEREXPOSURE:				
SKIN CONTACT:	None identified.			
EYE CONTACT:	None identified.			
INHALATION:	None identified.			
SENSITIZATION:	None identified.			
CHRONIC EFFECTS:	None identified.			

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SECTION XII - ECOLOGICAL INFORMATION

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Stable, organic liquid under conditions of normal use; does not degrade, does evaporate.

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SECTION XIII - DISPOSAL CONSIDERATION

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PRODUCT DISPOSAL:	Do not dispose with household waste. Dispose according to official regulations for relatively non-toxic organics.
CONTAMINATED PACKAGING:	Dispose according to official regulations.
ADDITIONAL DISPOSAL INFORMATION:	Local disposal regulations may exist.

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SECTION XIV - TRANSPORT INFORMATION

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Domestic (D.O.T.): Proper shipping name - chemicals, N.O.S., non-regulated.
 International(I.M.O.): Proper shipping name - chemicals, N.O.S.,non-regulated.
 Marine pollutants: no.
 Air (I.C.A.O.): Proper shipping name - chemicals, N.O.S., non-regulated.
 U.S. Customs Harmonization numbers: 29053200004, 35011000006.
 Secondary protective containers must be used for carrying.

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SECTION XV - REGULATORY INFORMATION

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No regulatory information is available for this product.

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SECTION XVI - OTHER INFORMATION

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INTERNATIONAL RISK PHRASES: 36/37/38 22.
 INTERNATIONAL SAFETY PHRASES: 24/25 15, 16, 39.

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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