



BETON-CHEMIE USA CORP.
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To all valued customers:

We would like to point out that ASTM 1364 Standard Specification for Architectural Cast Stone, refers to admixtures under Section 4.1.5.2 to comply with ASTM C494. Color Guard 2 LV, the chemical that most producers are using in semi-dry cast stone product, does not meet this specification. Many other chemicals being used in semi-dry concrete products also do not meet this specification. This type of chemical can be tested under ASTM C494, because this specification is for wet cast admixtures. These special chemicals do not have a specification because they cannot be laboratory tested under the conditions that they are used in the field. ASTM allows this type of material and it is referred to in Section 4.1.5.3 *Other Constituents* — Integral water repellents and other chemicals for which no ASTM standard exists shall be previously established as suitable for use in concrete by proven field performance or through laboratory testing. This type chemical has been used worldwide for over 25 years; no agency has been able to develop a test that can duplicate field use of this product.

Based on this background information, we are requesting that you refer to Color Guard 2LV as a waterproofing admixture. *ASTM C494 does not have a classification for this type of chemical.* We also state in our literature that it is a waterproofing admixture. By referring to Color Guard 2LV, as we are requesting, you will qualify it when submitting it for approval.

Respectfully yours

A handwritten signature in black ink, appearing to read "Michael Black", with a long horizontal flourish extending to the right.

Michael Black
General Manager

MATERIAL SAFETY DATA SHEET

COMPLIES WITH OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200

Date of preparation January 1 2007

SECTION 1

BETON CHEMIE USA CORP. P.O. BOX 541 CASSVILLE. GEORGIA 30123

EMERGENCY TELEPHONE:	(800)-520-1995	BETON CHEMIE USA CORP.
	(800) 424 9300	CHEM TREC

TRADE NAME	COLOR GUARD 2LV	NPCA HMIS RATINGS:
		Health: 1
PRODUCT CLASS:	Concrete (Cast Stone) Admixture	Flammability: 0 Reactivity: 0
PRODUCT APPEARANCE & ODOR:	Milky, opaque solution, low viscosity, bland odor.	Personal Protective Equipment — C

SECTION 2 HAZARDOUS INGREDIENTS

OCCUPATIONAL EXPOSURE LIMITS

INGREDIENT	CAS#	%	ACGIH TLV (TVVA)	ACGIH TLV (STEL)	OSHA PEL (TWA)	OSHA PEL (STEL)	VAPOR PRESSURE
Proprietary components-non hazardous	N.A.	N.A.	N.E.	N.E.	N.E.	N.E.	N.A.
Nuosept 95 Preservative	50-00-0	<0.2	1 ppm	2 ppm	1 ppm	2 ppm	1.3 mm Hg @68 F
Dowcil 75 (2% solution)	004080-31-3	<0.8	1 mg/m ³	1mg/m ³ 3	1mg/m ³ 3	1mg/m ³ 3	Less than 1 mm Hg @ 68 F (very low)

SECTION 3 EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT:	Wash eyes under flowing water for at least 5 minutes. No adverse effects expected.
SKIN CONTACT:	No adverse effects anticipated by this route of exposure.
INHALATION:	No adverse effects anticipated by this route of exposure.
INGESTION	No adverse effect5 anticipated by this route of exposure.

SECTION 4 PHYSICAL DATA

The following data represents approximate or typical values. They do not constitute product specifications

BOILING RANGE:	Approx. 220 F	pH:	10.0 +/- 0.5
EVAPORATION RATE:	Slower than ether	% VOLATILE BY VOLUME:	Approx. 78%
WEIGHT PER GALLON	8.34	SOLUBILITY IN WATER:	Complete

SECTION 5 FIRE AND EXPLOSION DATA

FLAMMABILITY CLASS:	Water-base - Non Flammable
FLASH POINT:	N.A.
AUTOIGNITION TEMPERATURE:	N.A.
LOWER EXPLOSIVE LIMIT:	N.A.
EXTINGUISHING MEDIA:	Water Fog
UNUSUAL FIRE AND EXPLOSION HAZARDS	None
SPECIAL FIRE FIGHTING PROCEDURES:	Use positive-pressure, self contained breathing apparatus.

TRADE NAME: COLOR GUARD 2LV

SECTION 6 HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE	
EYE CONTACT:	No effect expected
SKIN CONTACT:	Essentially non irritating to skin
INHALATION:	No effect expected
INGESTION:	Single dose oral toxicity is low. No hazards anticipated from ingestion. The oral LD50 for rats is greater than 10,000 mg/kg.
CHRONIC:	Based on available data, repeated exposures are not anticipated to cause any significant adverse effects.
CARCINOGENICITY:	This product's biocide (Nuosept 95) contains trace amounts of Formaldehyde which has been identified as a carcinogen by NTP, IARC, and OSHA - Section 11

SECTION 7 REACTIVITY DATA

STABILITY*	Stable
CONDITIONS TO AVOID:	Extreme temperatures, (high heat/freezing condtions)
INCOMPATIBILITY (MATERIALS TO AVOID):	Oxidizing Agents
HAZARDOUS DECOMPOSITION PRODUCTS:	Same as for wood or paper
HAZARDOUS POLYMERIZATION:	Will not occur

SECTION 8 SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED. Use absorbent material to contain wit.

WASTE DISPOSAL METHOD: Preferable method is to bury. Incinerate under safe conditions. Dispose of in accordance with local, state and federal regulations.

SECTION 9 SAFE HANDLING AND USE INFORMATION:

RESPIRATORY PROTECTION:	Use an approved respirator if needed.
VENTILATION:	Provide general and/or local exhaust ventilation to control airborne levels.
PROTECTIVE GLOVES:	Rubber or neoprene
EYE PROTECTION:	Chemical safety goggles.
OTHER PROTECTIVE EQUIPMENT:	Impervious clothing or boots, if needed.

SECTION 10 SPECIAL PRECAUTIONS

DEPT OF LABOR STORAGE CATEGORY:	N.A.
HYGIENIC PRACTICES:	Use reasonable caution and personal cleanliness.
ADDITIONAL PRECAUTIONS.	None

SECTION 11 ADDITIONAL INFORMATION

This product contains the following toxic chemical(s) which are subject to the reporting requirements of section 313 of title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

TOXIC CHEMICAL	CAS#	APPROXIMATE % BY WEIGHT
·NUOSEPT 95 contains trace Formaldehyde	50-00-0	<0.1%
SARA Title III Hazard categories:	Immediate (acute) health hazard (chronic) health	
Common Names:	Same	
Chronic exposure testing:	Exposure to this material has been found to cause the following effects in laboratory animals. Liver abnormalities, kidney damage,	

SECTION 11 ADDITIONAL INFORMATION

This product contains the following toxic chemical(s) which are subject to the reporting requirements of section 313 of title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

TOXIC CHEMICAL	CAS#	APPROXIMATE % BY WEIGHT
*NUOSEPT 95 contains trace Formaldehyde	50-00-0	<0.1%
SARA Title III Hazard categories:	Immediate (acute) health delayeid (chronic) health	
Common Names:	Same	
Chronic exposure testing:	Exposure to this material has been found to cause the following effects in laboratory animals. Liver abnormalities, kidney damage,	
	eye damage, lung damage, spleen damage, brain damage, nervous system damage	

TRADE NAME: COLOR GUARD 2LV

U.S. D.O.T. PROPER SHIPPING NAME	CONCRETE ADMIXTURE-WATERBASED
U.S. D.O.T. HAZARD CLASS	NON HAZARDOUS
U.S. D.O.T. I.D. NUMBER	N.A.
U.S. D.O.T. CLASSIFICATION	ITEM 33880 SUB 3 LTL55

Note; This material safety data sheet attempts to describe as accurately as possible the potential exposures associated with normal cement/sand use. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. The information and recommendations contained herein are based upon data believed to be correct. Beton Chemie USA Corp. makes no warranties, expressed or implied, and assumes liability in connection with any use of this information. Refer to 49 CFR (Code of Federal Regulations) for possible exceptions and exemptions. Abbreviations: OSHI Occupational Safety and Health Administration. NIOSH = National Institute of Occupational Safety and Health. ACGIH = American Conference of Governmental Industrial Hygienists. TLV= Threshold Limit Value (8-hr. TWA). TWA= Time weighted average. STEL= Short Term Exposure Limit (15 min. TWA). N.A.= Not Applicable. PEL = Permissible Exposure Limit (8-hr. TWA) All statements, information, and data provided in this material data safety sheet are believed to be accurate and reliable, but are presented without any guarantee. Users should make their own investigations to determine the suitability of the information or products for their particular purposes.