

MATERIAL SAFETY DATA SHEET

Vance Brothers, Inc.

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HMIS HAZARD RATING	
1	HEALTH
0	FIRE
0	REACTIVITY

I. PRODUCT INFORMATION

TRADE NAME ADVANTAGE COLOR CONCENTRATE - LIGHT GREEN	C.A.S. NUMBER Mixture
SYNONYMS Tennis Court Color, Tennis Court Paint	PRODUCT CODE NUMBER 1015,1016,1017

II. PHYSICAL DATA

BOILING POINT @ 760 MM Hg 212°F	% VOLATILES BY VOLUME 60 - 65%	SOLUBILITY IN H2O BY WEIGHT % Highly Soluble
SPECIFIC GRAVITY 1.0 - 1.5 @ 60°F	MELTING POINT Not Applicable	EVAPORATION RATE (BUTYL ACETATE = 1) Same as water
VAPOR DENSITY (AIR = 1) <1.0	VAPOR PRESSURE ≈ 17mmHg @ 68°F	APPEARANCE AND ODOR Viscous green liquid - latex odor

III. HAZARDOUS COMPONENTS

C.A.S. NUMBER	MATERIAL OR COMPONENT	%	HAZARD DATA
			<p>This product contains more than 0.1% crystalline silica (CAS No. 14808-60-7), which has been classified by IARC as a Class I carcinogen. Normal application procedures pose no hazard since the silica is wet and encapsulated when this product is stirred into coatings, but grinding or sanding dried films may yield respirable silica dusts. Control exposures to less than 0.1 mg/m³ using NIOSH-approved dust filter respirators.</p>

IV. HEALTH HAZARD INFORMATION

EXPOSURE LIMITS	TLV/TWA 0.1 mg/m³	TLV/STEL Not Established	TLV/PEL 0.1 mg/m³	ODOR THRESHOLD LIMIT Not Applicable
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ROUTES OF EXPOSURE AND EFFECTS AS REQUIRED BY 29CFR1910.1200

INHALATION	The inhaling of vapor or spray mist may cause headache, irritation to nose and throat, dizziness, weakness and nausea.
INGESTION	Ingestion of latex-based materials may cause gastrointestinal irritation, nausea, vomiting, and diarrhea. For acrylic emulsions similar to the latex in this product, the oral LD50 in rats is 5000 mg/kg.
SKIN ABSORPTION	Absorption through normal skin contact is not expected. However, absorption may occur through wounds exposed to the material. Effects may include irritation and dermatitis. Health effects are not expected if proper personal safety and hygiene is observed.
SKIN CONTACT	Skin contact may cause irritation and dermatitis.
EYE CONTACT	Eye contact may cause corneal irritation.
ACUTE OVEREXPOSURE	Over exposure to latex vapors and mists may cause headaches, dizziness, nausea, and eye aggravated and respiratory irritation. Any pre-existing skin or respiratory conditions may be aggravated by exposure to this product. Skin effects include mild irritation and dermatitis.
CHRONIC OVEREXPOSURE	Chronic health effects are not expected if proper personal safety and hygiene is observed. Pre-existing skin disorders may be aggravated by repeated or prolonged exposure to this product.

V. EMERGENCY AND FIRST AID PROCEDURES

INHALATION	If breathing is difficult, move person to fresh air or administer oxygen and seek prompt medical attention.
INGESTION	DO NOT induce vomiting. Give 1 or 2 glasses of water to dilute and consult a physician. Never give anything by mouth to an unconscious person!
SKIN CONTACT	Wash affected area thoroughly with soap and water. Remove and discard contaminated clothing. Apply topical creme or hand lotion to relieve irritation. If irritation persists, consult a physician.
EYE CONTACT	Flush eyes with water for 15 minutes while holding eyelids open. If subject is wearing contact lenses, immediately seek an ophthalmologist for treatment.

VI. SPECIAL PROTECTION INFORMATION

VENTILATION	Normal exterior application should not require the need for mechanical ventilation. Application should be made downwind from operator.	PERSONAL PROTECTIVE EQUIPMENT
RESPIRATORY PROTECTION	If needed, use an approved OSHA/NIOSH particulate and organic vapor canister respirator, or a positive atmosphere supplied air respirator as described in 29 CFR 1910.134.	DUST/ORGANIC VAPOR RESPIRATOR
EYE PROTECTION	Safety glasses are recommended when handling this material.	SAFETY GLASSES
SKIN PROTECTION	Flannel-lined Neoprene or Nitrile gloves are recommended.	CHEMICAL RESISTANT GLOVES
OTHER PPE	Rubber or leather footwear is recommended. All clothing saturated with this product should be discarded.	BOOTS

VII. FIRE AND EXPLOSION DATA

FLASH POINT >>200°F (Closed Cup)	AUTOIGNITION TEMPERATURE Not Applicable	LOWER FLAMMABLE LIMIT Not Applicable
EXTINGUISHING MEDIA If fire should occur, extinguish with foam, carbon dioxide or dry chemical extinguishers.		
SPECIAL FIRE FIGHTING PROCEDURES Fire fighters should wear full protective equipment and self-contained breathing apparatus.		
UNUSUAL FIRE AND EXPLOSION HAZARDS Water sprayed on burning product may cause frothing, steam, and eruptions. Closed containers may explode when exposed to extreme heat. Cool containers with water to prevent explosion due to extreme heat. Hot polymeric film can cause serious skin burns.		

VIII. REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY This material is considered stable. However, avoid temperatures above 350°F to prevent polymer decomposition.
INCOMPATIBILITY There are no known materials with are incompatible with this product.
HAZARDOUS DECOMPOSITION PRODUCTS Irritating or toxic vapors may be released when this material is burned. Thermal decomposition of this product may yield acrylic monomers.
CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION This product will not undergo polymerization.

