

FOR CHEMICAL EMERGENCY
DURING TRANSPORTATION ONLY
call NFDAC
1-800-535-5053
24 Hrs. 800-535-5053

MATERIAL SAFETY DATA SHEET

BREVIATIONS: NA = NOT APPLICABLE
ND = NOT DETERMINED
NE = NOT ESTABLISHED

HEALTH = 2
FLAMMABILITY = 0
REACTIVITY = 0
PERSONAL PROTECTION = B

SECTION 1

PRODUCT NAME: PAVE BRITE MARKING PAINT
YELLOW

PRODUCT TYPE: LATEX PAINT

PIONEER MANUFACTURING COMPANY
4529 INDUSTRIAL PARKWAY
CLEVELAND, OHIO 44135
TELEPHONE: (216) 671-5500

EMERGENCY TELEPHONE (800) 535-5053
INFOTRAC

DATE PREPARED: 1/24/94
PREPARED BY: GSS
D.O.T. SHIPPING CLASS: NOT REGULATED

74-5229

SECTION 2 - INGREDIENTS

CHEMICAL NAME	CAS NO.	OSHA PEL	ACGIH TLV	% WT
MONOETHANOL AMINE	141-43-5	3 ppm	6 ppm	<0.5
ACRYLIC LATEX	N.A.	N.E.	N.E.	
WATER	7732-18-5	N.E.	N.E.	
CALCIUM CARBONATE	1317-65-3	5 mg/m ³	RESPIRABLE DUST	
TITANIUM DIOXIDE	13463-67-7	5 mg/m ³	RESPIRABLE DUST	
LEAD (TOTAL CONTENT)*	7439-92-1	0.05 mg/m ³	0.15 mg/m ³	4.6
CHROMATE (AS Cr ⁶⁺)*	1333-82-0	0.1 mg/m ³	0.05 mg/m ³	2.3

* SUBJECT TO REPORTING REQUIREMENTS OF SARA TITLE III SECTION 313, 40 CFR 372

SECTION 3 - PHYSICAL DATA

BOILING POINT (°F): 212
VAPOR PRESSURE: EQUAL TO WATER
VAPOR DENSITY: EQUAL TO WATER
SOLUBILITY IN WATER: SOLUBLE
APPEARANCE/ODOR: YELLOW, VISCOUS LIQUID, MILD LATEX ODOR

SPECIFIC GRAVITY: 1.48
MELTING POINT: N.A.
EVAPORATION RATE (BUAC=1): EQUAL TO WATER
pH: 9-10

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT (METHOD USED): NONE, SETA FLAMMABILITY LIMITS: LEL N.A. UEL N.A.

EXTINGUISHING MEDIA: WATER, FOAM, CARBON DIOXIDE, DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES: NONE

USUAL FIRE FIGHTING AND EXPLOSION HAZARDS: CLOSED CONTAINERS MAY EXPLODE DUE TO STEAM FORMATION FROM EXPOSURE TO HIGH HEAT. USE WATER SPRAY TO COOL.

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SECTION 5 - REACTIVITY DATA

STABILITY: STABLE CONDITIONS TO AVOID: NONE KNOWN
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
INCOMPATIBILITY: ACIDS COULD CAUSE COAGULATION
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: NONE KNOWN

SECTION 6 - HEALTH HAZARD DATA

ROUTES OF ENTRY INHALATION? NO SKIN? NO INGESTION? YES
HEALTH HAZARDS (ACUTE AND CHRONIC):
MAY BE IRRITATING TO EYES, SKIN, AND RESPIRATORY TRACT.

CARCINOGENITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO

SIGNS AND SYMPTOMS OF EXPOSURE: REDNESS OR IRRITATION OF EYES AND SKIN.
IRRITATION OR NAUSEA FROM INHALATION OR INGESTION.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: INGESTION MAY CAUSE
IRRITATION AND/OR SYSTEMIC TOXICITY MAY OCCUR.
EMERGENCY AND FIRST AID PROCEDURES: IN EYES: FLUSH WITH WATER FOR AT LEAST 15
MINUTES. SEEK MEDICAL ATTENTION. ON SKIN: WASH WITH SOAP AND WATER. IF
INHALED: REMOVE PERSON TO FRESH AIR. IF INGESTED: GIVE TWO GLASSES OF MILK
OR WATER TO DILUTE. CALL A PHYSICIAN OR POISON CONTROL CENTER.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR LEAKED: ELIMINATE SOURCE OF
SPILL. CONTAIN SPILL. REMOVE FREE LIQUID TO A SECURE CONTAINER. USE
ABSORBANT TO CAPTURE RESIDUE. WASH AREA WITH SOAP AND WATER.

WASTE DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE
AND FEDERAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN STORAGE AND HANDLING: KEEP CONTAINERS CLOSED WHEN
NOT IN USE. KEEP FROM FREEZING. AVOID PROLONGED OR REPEATED CONTACT.
CLEAN EQUIPMENT AFTER USE.
OTHER PRECAUTIONS: NONE.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: NOT NORMALLY REQUIRED. USE OUTDOORS ONLY.

VENTILATION: LOCAL EXHAUST MECHANICAL SPECIAL OTHER
PROTECTIVE GLOVES: OMPERVIOUS GLOVES EYE PROTECTION: CHEMICAL GOGGLES
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: AS REQUIRED TO PREVENT SKIN
CONTACT.
WORK/HYGIENIC PRACTICES: WASH WITH SOAP AND WATER AFTER USING PRODUCT.