

HMIS CODES: H F R P
1 0 0 E

PRODUCT NAME : SKIMSTONE COLOR PAKS
 TYPE OF PRODUCT : Pigment Concentrate
 DOT CLASS : WATER BASE NOT REGULATED KEEP FROM FREEZING!
 ===== SECTION I - MANUFACTURER'S IDENTIFICATION =====
 MANUFACTURED BY : SKIMSTONE - A DIVISION OF RUDD COMPANY, INC
 ADDRESS : 1141 NW 50TH STREET, SEATTLE, WA, 98107
 INFORMATION PHONE : 206-789-1000
 24-HOUR EMERGENCY : CALL CHEMTREC 1-800-424-9300 (SPILL, LEAK, FIRE, ACCIDENT)
 NAME OF PREPARER : RUDD COMPANY, INC.
 DATE PREPARED/REVISED: 05/31/2002 DATE PRINTED: 08/01/02
 REASON REVISED : Original MSDS

===== SECTION IIA - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION =====

CAS NUMBER	HAZARDOUS COMPONENTS	WT. %	---OCCUPATION EXPOSURE LIMITS---			VAPOR PRESSURE	
			OSHA PEL**	ACGIH TLV	OTHER	mm HG @ deg-F	
00111-76-2	ETHYLENE GLYCOL MONOBUTYL ETHER	2-5	25 ppm	25 ppm	SKIN	<1	77
00111-77-3	DIETHYLENE GLYCOL MONOMETHYL ETHER	6-9			100 ppm	<1	77
13463-67-7	TITANIUM DIOXIDE	23-43	10 mg/m3	10 mg/m3	(dust)		
14808-60-7	SILICA, CRYSTALLINE-QUARTZ	0-0.45	0.1 mg/m3	0.1 mg/m3	(Resp Dust)		
07440-50-8	COPPER COMPOUNDS (As Cu)	0-20	1 mg/m3	1 mg/m3	(Dust)	<1	1628
64741-41-9	HYDROCARBON SOLVENT (ALIPHATIC)	0-2	100 ppm	100 ppm			
UNKNOWN	MANGANESE COMPOUNDS (As Mn)	0-2	5 mg/m3	5 mg/m3			

**PELS represent lowered 1989 limits and may not be enforceable by Federal OSHA.

===== SECTION IIB - OTHER REGULATORY INFORMATION =====

CAS NUMBER	DESCRIPTION	CARCINOGEN		SARA TITLE III	CALIFORNIA		
		NTP	IARC	302	313	P65	I II
00111-76-2	ETHYLENE GLYCOL MONOBUTYL ETHER				X		X
00111-77-3	DIETHYLENE GLYCOL MONOMETHYL ETHER				X		X
13463-67-7	TITANIUM DIOXIDE						
14808-60-7	SILICA, CRYSTALLINE-QUARTZ	X				X	
07440-50-8	COPPER COMPOUNDS (As Cu)			X			X
64741-41-9	HYDROCARBON SOLVENT (ALIPHATIC)						
UNKNOWN-14	MANGANESE COMPOUNDS (As Mn)	2.24	5 mg/m3	5 mg/m3			

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE : 212 to 212 deg F. WT/GL : 9.2 -15.6
 VAPOR DENSITY : HEAVIER THAN AIR SOLIDS BY % WEIGHT: 32 -68
 EVAPORATION RATE : SLOW compared to n-butyl acetate CALCULATED V.O.C. : 0.39 - 2.72 LB/GL
 SOLUBILITY IN WATER: APPRECIABLE 48 - 326 0 GR/LT
 HAPS BY % WEIGHT : 1.09 - 6.40
 APPEARANCE AND ODOR: OPAQUE COLORED LIQUID, MILD ODOR

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

OSHA FLAMMABILITY CLASS : Class III-B Combustible
 FLASH POINT: 230 deg F. METHOD USED: P-MARTEN
 FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: .9% UPPER: 10.6%

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES: Evacuate all unnecessary personnel. Use full-protective equipment including self-contained breathing apparatus. Use water spray, preferably fog, to cool closed containers to prevent pressure build-up and possible explosion. Do not allow product or runoff from fire control to enter storm or sanitary sewers, lakes, rivers, streams or waterways.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Product may splatter when heated. Vapors are heavier than air and may travel along the ground to distant sources of ignition.

=====SECTION V - REACTIVITY DATA =====

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide, Carbon Dioxide.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong Oxidizing agents, Acids.

STABILITY: Stable. HAZARDOUS POLYMERIZATION: Will not occur.
 CONDITIONS TO AVOID: High temperature and humidity, ignition source, vapor build-up.

===== SECTION VI - HEALTH HAZARD DATA =====

PRIMARY ROUTE(S) OF EXPOSURE: Inhalation, skin contact, ingestion.

ACUTE EFFECTS FROM SHORT TERM EXPOSURE:

INHALATION: Vapors and mists irritate nose, throat and lungs (burning, stinging, coughing). May cause headache, dizziness, nausea, weakness, shortness of breath and loss of coordination. Exposure to extremely high vapor concentrations may cause unconsciousness and asphyxiation. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

EYES: Contact with liquid or vapors causes severe irritation (redness, watering, itching, stinging, blurred vision) and possible cornea damage.

SKIN: Contact causes irritation (dryness, itching, cracking, rash and swelling).

SKIN ABSORPTION: May be absorbed through the skin in harmful amounts. Repeated exposures may have cumulative effect. Symptoms may include headache, dizziness, nausea, weakness, loss of coordination, visual disturbances.

SWALLOWING: Causes nausea, vomiting, diarrhea and central nervous system depression (headache, dizziness, giddiness, nausea, loss of coordination).

CHRONIC EFFECTS FROM LONG TERM/REPEATED EXPOSURE: Long-term or repeated overexposure, without proper ventilation or personal protection, may cause damage to: kidneys, liver, lungs, blood cell abnormalities, Male reproductive system.

OTHER: This product contains a form of Crystalline Silica. Long-term exposure to high levels of Crystalline Silica dusts may result in silicosis, a disabling lung disease. Always wear appropriate respiratory protection when exposed to sanding or grinding dusts.

CARCINOGEN DATA: Crystalline Silicas are classified by IARC as potential human carcinogens. Inhalation of Crystalline Silica dusts may cause lung tumors. Risk of cancer depends on level and duration of exposure.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:, Respiratory tract irritation, nausea, eye disorders, skin disorders, sensitization to chemical substances.

The following statement is required by California Proposition 65 (Safe Drinking Water and Toxic Reform Act of 1986). Warning! This product contains a chemical known to the state of California to cause cancer.

===== SECTION VII - EMERGENCY AND FIRST AID PROCEDURES =====

SWALLOWING: Get medical attention immediately.

INHALATION: If affected by breathing odors or vapors, remove to fresh air. Get medical attention if symptoms persist.

EYE: Immediately flush with plenty of water for 15 minutes, while lifting upper and lower eyelids. Get medical attention.

SKIN: Wash with soap and water. Remove and clean contaminated clothing and shoes. Get medical attention if irritation persists.

===== SECTION VIII - PERSONAL PROTECTION =====

VENTILATION: Open doors and windows to provide fresh air ventilation, in work and surrounding areas, during and after application until all vapors (fumes) are gone.

HAND PROTECTION: Wear gloves to avoid skin contact.

EYE PROTECTION: Wear safety glasses or goggles to protect eyes from splash. Note: Contact lens may contribute to the severity of an eye injury and should not be worn when working with chemical products.

OTHER PROTECTIVE EQUIPMENT: When necessary, wear protective clothing to avoid skin contact with liquid or overspray.

WORK/HYGIENIC PRACTICES: Wash hands after using and before eating, drinking or using tobacco products. Thoroughly clean contaminated clothing and shoes before reuse.

===== SECTION IX - SPILL OR LEAK PROCEDURES =====

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Eliminate ignition sources and ventilate area. Evacuate unnecessary personnel. Wear full protective equipment. Dike and contain spill with inert material. Transfer liquid to containers for disposal or recovery. Prevent material from entering storm or sanitary sewers and open bodies of water.

WASTE DISPOSAL: Waste material and empty containers must be disposed of in accordance with all local, state and federal environmental control regulations. Use only approved waste management facilities.

DOT/CERCLA:
NOT REGULATED.

===== SECTION X - SPECIAL PRECAUTIONS =====

HANDLING PRECAUTIONS: Use proper methods of ventilation to prevent vapor build-up. Avoid spraying hot surfaces. Do not remove or deface label. Do not transfer to unlabeled container.

SHIPPING AND STORAGE PRECAUTIONS: Keep from freezing. Keep containers closed when not in use and during transit. Keep in upright position and protect container from damage. Store in buildings or areas designed and protected for storage of products with this flammability rating. Do not store above 120°F. Keep out of reach of children.

===== SECTION XI - DISCLAIMER =====

DISCLAIMER: THE INFORMATION CONTAINED HEREIN HAS BEEN COMPILED FROM SOURCES CONSIDERED TO BE RELIABLE. TO THE BEST OF OUR KNOWLEDGE AND BELIEF, ALL INFORMATION IS ACCURATE AND IS PROVIDED IN GOOD FAITH. HOWEVER, NO GUARANTEE OF ACCURACY IS MADE OR IMPLIED.