

MATERIAL SAFETY DATA SHEET

SANDOZCHEMICALS
4000 MONROE ROAD
CHARLOTTE NC 28205

GRAPHOL RED 1031-2 PASTE
610312

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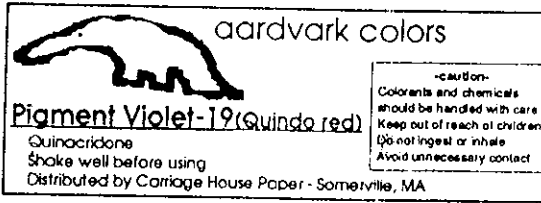
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EMERGENCY TELEPHONE: (704) 827-9651
CHEMTRAC: (800) 424-9300
FOR MSDS INFORMATION: (704) 547-5600

Pigment - QUINDO RED

CARRIAGE HOUSE PAPER
UNIT C-207
ELAINE KORETSKY
1 FITCHBURG STREET
SOMERVILLE MA 021430000



H M I S

HEALTH 1 *
FLAMMABILITY 1
REACTIVITY 0
PERSONAL PROTECTION C

A. PRODUCT IDENTIFICATION

TRADE NAME: GRAPHOL RED 1031-2 PASTE
CAS NUMBER: 1047-16-1
SYNONYMS: C.I. PIGMENT VIOLET 19, C.I. 73900
CHEMICAL FAMILY: QUINACRIDONE PIGMENT
FORMULA: C₂₀H₁₂N₂O₂
PRIMARY PRODUCT USE: DATA NOT YET AVAILABLE

B. HAZARDOUS COMPONENTS

COMPONENT	CAS NO.	%	PEL/TLV
BARIUM SULFATE	7727-43-7	<4	10 MG/M3 TOTAL DUST ACGIH
C.I. PIGMENT VIOLET 19; C.I. 73900	1047-16-1	<25	NOT ESTABLISHED

C. PHYSICAL PROPERTIES

BOILING POINT (°F): NOT AVAILABLE SPECIFIC GRAVITY: NOT AVAILABLE
MELTING POINT (°F): NOT AVAILABLE FREEZING POINT (°F): NOT AVAILABLE
VAPOR PRESSURE (MM HG): NOT AVAILABLE PERCENT VOLATILE (BY WEIGHT): NOT AVAILABLE
VAPOR DENSITY (AIR = 1): NOT AVAILABLE EVAPORATION RATE: NOT AVAILABLE
SOLUBILITY IN WATER: DISPERSIBLE PH (1 % IN WATER): 7.5-8.5
COEFFICIENT OF WATER/OIL DISTRIBUTION: NO DATA AVAILABLE
ODOR THRESHOLD: NO DATA AVAILABLE
APPEARANCE AND ODOR: RED PASTE, SLIGHT ODOR

D. FIRE & EXPLOSION DATA

FLASH POINT (°F): NOT AVAILABLE
FLAMMABLE LIMITS: LEL UNKNOWN UEL UNKNOWN AUTO IGNITION TEMPERATURE (°F): UNKNOWN
EXTINGUISHING MEDIA: WATER X ALCOHOL FOAM X CO₂ X DRY CHEMICAL X WATER FOG SPRAY
NO EXTINGUISHING MEDIA
SPECIAL FIRE FIGHTING PROCEDURES:
USE NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
NONE KNOWN

E. REACTIVITY DATA

STABILITY: STABLE
CONDITIONS TO AVOID:
NONE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID:
NONE KNOWN
INCOMPATIBILITY:
STRONG OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION PRODUCTS:
THERMAL DECOMPOSITION MAY PRODUCE OXIDES OF CARBON AND NITROGEN.