

M A T E R I A L   S A F E T Y   D A T A   S H E E T

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : 2-PART URETHANE COLOR PACKS  
 IDENTIFICATION NUMBER: 49-1XX DATE PRINTED: 03/19/99  
 PRODUCT USE/CLASS : Pigments

SUPPLIER: MANUFACTURER:  
 ChemRex Inc.  
 Sonneborn Building Products  
 889 Valley Park Drive  
 Shakopee, MN 55379

EMERGENCY TELEPHONE: EMERGENCY TELEPHONE: (800) 424-9300  
 24 HRS A DAY 7 DAYS A WEEK

PREPARER: Scott Shinn, PHONE: 612-496-6000, PREPARE DATE: 03/16/99

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT % LESS THAN
01	Limestone, Calcium carbonate	1317-65-3	20.0 %
02	titanium dioxide	13463-67-7	20.0 %
03	Triethylene diamine	280-57-9	5.0 %
04	Butyl benzyl phthalate	85-68-7	15.0 %

ITEM	EXPOSURE LIMITS					
	ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA	OSHA PEL-CEILING	COMPANY TLV-TWA	SKIN
01	10 mg/m3	N.E.	15 mg/m3	N.E.	N.E.	NO
02	10 mg/m3	N.E.	15 mg/m3	N.E.	N.E.	NO
03	N.E.	N.E.	N.E.	N.E.	N.E.	NO
04	N.E.	N.E.	N.E.	N.E.	N.E.	NO

(See Section 16 for abbreviation legend)

SECTION 3 - HAZARDOUS IDENTIFICATION

EFFECTS OF OVEREXPOSURE - EYE CONTACT: May cause slight irritation.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: May cause skin sensitization, an allergic reaction, which becomes evident on reexposure to this material. May cause irritation.

EFFECTS OF OVEREXPOSURE - INHALATION: May cause respiratory tract

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**SECTION 3 - HAZARDS IDENTIFICATION**

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irritation.

EFFECTS OF OVEREXPOSURE - INGESTION: Irritating to mouth, throat and stomach.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: No known components of this product are listed as known or suspected carcinogens per NIOSH, NTP, IARC, or OSHA.

PRIMARY ROUTE(S) OF ENTRY: INHALATION EYE CONTACT SKIN ABSORPTION SKIN CONTACT

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**SECTION 4 - FIRST AID MEASURES**

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FIRST AID - EYE CONTACT: Flush eye with water for 15 minutes. Get medical attention.

FIRST AID - SKIN CONTACT: Remove contaminated clothing. Wash skin with soap and water. Get medical attention.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

FIRST AID - INGESTION: If swallowed, DO NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Should vomiting occur, be sure to keep victim's head below hips to avoid aspiration of vomitus into lungs.

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**SECTION 5 - FIRE FIGHTING MEASURES**

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FLASH POINT: 390 F

LOWER EXPLOSIVE LIMIT: N.A.

UPPER EXPLOSIVE LIMIT: 0.2 %

AUTOIGNITION TEMPERATURE: N/D

EXTINGUISHING MEDIA: CO2 DRY CHEMICAL FOAM WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS: Fire produces irritating or poisonous gas.

SPECIAL FIREFIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

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**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Repeat sorbent/sweep cycle until the spill has dried up. Avoid runoff into storm sewers and ditches which lead to waterways.

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**SECTION 7 - HANDLING AND STORAGE**

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HANDLING: Minimize dust generation and accumulation. Use only in a well ventilated area. Keep out of reach of children.

STORAGE: Keep container closed when not in use.

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**SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

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ENGINEERING CONTROLS: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

RESPIRATORY PROTECTION: Wear NIOSH/MSHA approved respiratory protection when the product is mixed or applied in a poorly ventilated area or if workplace levels of ingredients exceed the TLV. Follow applicable federal, state, and local regulations.

OTHER PROTECTIVE EQUIPMENT: Where contact is likely, wear chemical resistant gloves, chemical safety goggles with a face shield, and clean protective clothing to cover arms and legs to keep exposure to a minimum.

HYGIENIC PRACTICES: Do not take internally. Wash thoroughly after handling. Avoid breathing vapors from heated material. Avoid contact with eyes, skin, and clothing.

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**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

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BOILING RANGE	: 345 - 698 F	VAPOR DENSITY	: Is heavier than air
ODOR	: Sweet, ethereal	ODOR THRESHOLD	: N/D
APPEARANCE	: Pigmented paste	EVAPORATION RATE:	Is slower than Butyl Acetate
SOLUBILITY IN H <sub>2</sub> O	: Insoluble	SPECIFIC GRAVITY:	1.9000
FREEZE POINT	: N/D	pH @ 0.0 %	: N/D
VAPOR PRESSURE	: N/D	VISCOSITY	: N/D
PHYSICAL STATE	: Paste		
COEFFICIENT OF WATER/OIL DISTRIBUTION: N/D			

(See Section 16 for abbreviation legend)

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 SECTION 10 - STABILITY AND REACTIVITY
 

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CONDITIONS TO AVOID: Long term exposure to elevated temperatures.

INCOMPATIBILITY: Strong bases or oxidants. Strong Lewis or mineral acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Acrid fumes. Oxides of carbon.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

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 SECTION 11 - TOXICOLOGICAL PROPERTIES
 

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PRODUCT DERMAL LD50: No Information

PRODUCT ORAL LD50: No Information

PRODUCT LC50: No Information

COMPONENT TOXICOLOGICAL INFORMATION:

----- CHEMICAL NAME -----	-- DERMAL LD50 --	--- ORAL LD50 ---	----- LC50 -----
Limestone, Calcium carb	No Information	6450 mg/kg	No Information
titanium dioxide	No Information	> 7500 mg/kg	No Information
Triethylene diamine	No Information	1700 mg/kg	No Information
Butyl benzyl phthalate	>10 gm/kg	2330 mg/kg	No Information

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 SECTION 12 - ECOLOGICAL INFORMATION
 

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ECOLOGICAL INFORMATION: Toxic to fish and other water organisms.

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 SECTION 13 - DISPOSAL CONSIDERATIONS
 

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DISPOSAL METHOD: Review all local, state, and federal regulations concerning health and pollution for appropriate disposal procedures.

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 SECTION 14 - TRANSPORTATION INFORMATION
 

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DOT PROPER SHIPPING NAME: Not Regulated

DOT TECHNICAL NAME: N/A

DOT HAZARD CLASS: N/A

HAZARD SUBCLASS: N/A

DOT UN/NA NUMBER: N/A

PACKING GROUP: N/A

RESP. GUIDE PAGE:

DOT PLACARD AT: N/A

DOT CLASS NUMBER: N/A

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SECTION 14 - TRANSPORTATION INFORMATION

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UN PROPER SHIPPING NAME: Not Regulated

UN HAZARD CLASS: N/A

UN CLASS NUMBER: AIR N/A MARINE N/A

HAZARD SUBCLASS: AIR N/A MARINE N/A

UN UN/NA NUMBER: N/A UN PACKING GROUP: AIR N/A MARINE N/A

UN PLACARD AT: N/A

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SECTION 15 - REGULATORY INFORMATION

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U.S. FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

CERCLA - SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD

SARA SECTION 313:

This product contains the following substances 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:

----- CHEMICAL NAME ----- CAS NUMBER WT/WT % IS LESS THAN  
No SARA Section 313 components exist in this product.

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

----- CHEMICAL NAME ----- CAS NUMBER  
No information is available.

CALIFORNIA PROPOSITION 65:

WARNING: The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm:

----- CHEMICAL NAME ----- CAS NUMBER  
No Proposition 65 chemicals exist in this product.

INTERNATIONAL REGULATIONS: AS FOLLOWS -

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SECTION 15 - REGULATORY INFORMATION

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CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: No information available.

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SECTION 16 - OTHER INFORMATION

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HMIS RATINGS - HEALTH: 1      FLAMMAEILITY: 1      REACTIVITY: 0  
PERSONAL PROTECTION: E

PREVIOUS MSDS REVISION DATE: 01/08/99

REASON FOR REVISION: General update.

VOLATILE ORGANIC COMPOUNDS (VOCS): 0.00 lbs/gal,    0 grams/ltr

LEGEND: N.A. - Not Applicable, N.E. - Not Established,  
N.D. - Not Determined

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<END OF MSDS>