

## US DEPARTMENT OF LABOR

## OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

## MATERIAL SAFETY DATA SHEET

11/13/2013

## Company Information

|                            |                      |                     |
|----------------------------|----------------------|---------------------|
| MANUFACTURER:              | PRODUCT NAME:        | Engraving plastisol |
| Paoli Clay Company         | PRODUCT NUMBER:      | PJL135-1s           |
| 6879 Paoli Rd              | CHEMICAL FAMILY: N/A |                     |
| Paoli, WI,                 |                      |                     |
| EMERGENCY # (608) 845-7000 | HAZARD RATINGS:      | HEALTH:1            |
|                            |                      | FIRE:1              |
|                            |                      | REACTIVITY:0        |

## HAZARDOUS INGREDIENTS

| INGREDIENT        | %      | CAS#       | OSHA-PEL | ACGIH-TLV |
|-------------------|--------|------------|----------|-----------|
| Calcium oxide     | 5-15   | 1305-78-8  | 5 mg/m3  |           |
| Calcium Carbonate | 25-35  | 471-34-1   | 5 mg/m3  |           |
| Titanium Dioxide  | .5-2.0 | 13463-67-7 | 10 mg/m3 |           |

## PHYSICAL DATA

|                                       |             |
|---------------------------------------|-------------|
| BOILING POINT:                        | N/A         |
| VAPOR PRESSURE (mm Hg. at 20deg.C):   | N/D         |
| VAPOR DENSITY (AIR = 1):              | N/D         |
| SPECIFIC GRAVITY:                     | 1.46        |
| PERCENT VOLATILE VOLUME:              | N/D         |
| SOLUBILITY IN WATER:                  | Negligible  |
| EVAPORATION RATE (BUTYL ACETATE = 1): | N/A         |
| APPEARANCE AND ODOR:                  | White       |
|                                       | Slight odor |

|                 |                     |
|-----------------|---------------------|
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**FIRE AND EXPLOSION DATA**

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FLASH POINT N/A FLAMMABLE LIMITS LEL:UEL N/A

EXTINGUISHING MEDIA: Foam, carbon dioxide, dry chemical, water fog

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and standard fire fighting protective clothing.

UNUSUAL FIRE & EXPLOSION HAZARDS: NONE

N/A = NOT APPLICABLE N/D = NOT DETERMINED

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**REACTIVITY DATA**

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|--|----------------------------------|
| STABILITY:                                 | Stable                           |
| HAZARDOUS POLYMERIZATION:                  | Will not occur                   |
| HAZARDOUS DECOMPOSITION PRODUCTS:          | Carbon dioxide, carbon monoxide, |
| hydrogen chloride, oxides from stabilizers |                                  |
| CONDITIONS TO AVOID:                       | Excessive heat, poor ventilation |
| INCOMPATIBILITY:                           | Strong oxidizing agents          |

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**SPILL OR LEAK PROCEDURES**

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STEPS TO BE TAKEN IN CASE OF SPILL: Dike area to contain spill, salvage as much as possible for reuse, use absorbant to clean up remainder or small spills

WASTE DISPOSAL METHOD: In accordance with local, state, and federal regulations

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**HEALTH DATA**

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**ROUTES OF ENTRY: EYES - SKIN - INHALATION - INGESTION**

EFFECTS OF OVEREXPOSURE: EYES - May cause irritation

SKIN - May cause irritation, defatting, or dermatitis

INHALATION - May cause irritation of respiratory tract, narcosis, or headaches

INGESTION - May cause nausea, cramps, and diarrhea

|                 |                     |
|-----------------|---------------------|
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EFFECTS MAY BE ACCELERATED BY HIGHER PRODUCT TEMPERATURES DURING THE MANUFACTURING PROCESS.

FIRST AID: EYES - Immediately flush with plenty of water. Get medical attention

SKIN - Remove contaminated clothing and launder before reusing.  
Wash affected area with plenty of soap and water.

INHALATION - Remove to fresh air. If necessary, give artificial respiration. Get medical attention.

INGESTION - Induce vomiting and dilute by drinking water. Never give liquids to an unconscious person. Get medical attention.

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#### SPECIAL PROTECTION INFORMATION

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RESPIRATORY PROTECTION: NIOSH/MSHA approved respirator suitable for concentrations and types of air contaminants encountered

VENTILATION: Local mechanical exhaust ventilation recommended

GLOVES: Impervious (neoprene)

EYE PROTECTION: Chemical goggles/glasses

OTHER EQUIPMENT: Safety shower and/or eye wash station

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#### SPECIAL PRECAUTIONS

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HANDLING AND STORAGE PRECAUTIONS: Keep container air tight in a dry area away from heat and water when not in use. Practice "good" industrial housekeeping and hygiene.

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#### REGULATORY INFORMATION

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|------------------------|---|
| OSHA                   | Considered Hazardous                                      |
| TSCA                   | all components are listed on TSCA inventory or are exempt |
| CERCLA                 | NA  |
| CAL PROP 65            | NA  |
| SARA TITLE III 303 EHS | NA  |
| SARA TITLE 313         | NA  |
| SARA TITLE 312         | reportable Qty 10,000 lb                                  |

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