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Material Safety Data Sheet for R&F Encaustics
OSHA Hazard Communication Standard (29 CFR 1910.1200)
Similar to OSHA Forms 20 and 174U S Department of Labor
Printed Date 3/27/98 at 10:23:2

CC97-231DNNEW97 FCLINE COL

Manufacturer's Name and Location

R&F Handmade Paints, Inc.
506 Broadway
Kingston, NY 12401
Contact - Richard Frumess, P resident
For Information - 1.800.206.8088
Emergency Telephone # - 1.800.206.8088 or phone your local Poison Control Center
Preparation Date - 1/14/98 Rev.# 00

CONFIRM ALL INFORMATION PRIOR TO USE

Label Statements for R&F Encaustics

Acute Toxicity - no label required
Chronic Toxicity - no label required

California Prop 65 Warning Statement

Warning! This product contains an ingredient known to the state of California to cause cancer

Certification Assurance

Conforms to ASTM D-4236

Children's Hazard Warning

Keep Out of Reach of Children

Abbreviations:

Not Applicable: n/a
Not Flammable: n/f
Not Known: n/k
Repirable Fraction: r
Permissible Exposure Limit: pel
Ceiling Value: c
Not Determined: n/d
Not Listed: n/l
ACGIH Threshold Limit Value: tlv

The data shown is taken from sources judged to be reliable. The user should judge both the accuracy and the suitability of this information for any intention or purpose. No other warranty is given.

TLV Reg. TM, ACGIH

V-1811

Data for Cobalt Colors:**Hazardous Ingredients/Identity/Standards/Content Information****Ingredient Listing - wax/oil base medium**

CAS No. - mixture
 OSHA PEL - n/l
 ACGIH TLV - n/l
 STEL - n/l
 % COMP - <95.00

Ingredient Listing - cobalt pigment

CAS No. - mixture
 OSHA PEL - 0.1 mg/m3
 ACGIH TLV - .02 mg/m3
 STEL - n/l
 % COMP - <50.00

The other ingredients in the wax base medium are judged to be non-hazardous, in this form, and are regarded as trade secrets

Physical/Chemical Characteristics

Boiling Point - >260 degrees C.
 Melting Point - <110 degrees F.
 Vapor Pressure - n/a
 Evaporation Rate - n/a
 Odor - odor of wax
 Specific Gravity - 0.927 - 0.970
 Vapor Density - n/a
 Water Solubility - insoluble
 Appearance - colored wax

Fire and Explosion Hazard Data

Flash Point - >240 degrees C.
 Flash Point Method - open cup
 Lower Flammability Limit - n/l
 Upper Flammability Limit - n/l
 Extinguishing Medium - foam, dry chemical and CO2
 Specialized Fire/Fighting Procedure - n/k
 Unusual Fire and Explosion Hazard - n/k

Reactivity Data

Stable - yes
 Incompatibility - n/k
 Conditions to Avoid - n/k
 Hazardous Decomposition - yes
 Hazardous Polym. - no

Health Hazard Data:

Contains cobalt compound which may cause cancer if eaten (risk of cancer depends on duration and level of exposure). DO NOT EAT. Wash hands and face after use and before eating or smoking. Fumes from molten wax may cause mild upper respiratory irritation and cause burns when in contact with skin. Wax will release toxic fumes when heated above its decomposition temperature. Addition of solvents to this product will release fumes which may be harmful when heated above 200 degrees F. (93 degrees C.). Not intended for use by children. Keep out of reach of children.

Routes of Entry

Inhalation - yes
 Skin - no
 Ingestion - yes

Carcinogen

NTP - n/l
 IARC - n/l
 OSHA - n/l

Signs/Symptoms of Exposure - none

Medical Conditions to Avoid - none

First Aid: If eaten seek medical attention immediately. If skin is irritated wash with soap & water. If irritation persists see a physician.

Precautions for Safe Handling and Use:

Spill - if heated, allow to cool
 Waste Disposal - dispose in an appropriate manner which complies with local regulations
 Precautions - do not store near heat, keep cool
 Other Precautions - none

Control Measures

Respiratory Protection - normally not needed
 Local Exhaust - use local exhaust if pigment sticks are heated
 Specific Local Exhaust - normally not needed
 Mechanical Exhaust - provide more ventilation if necessary
 Other Mechanical Exhaust - normally not needed
 Protective Gloves - wear gloves or barrier cream to protect against contact
 Eye Protection - normally not needed
 Protective Clothing - normally not needed, suggest freshly laundered artist's smock
 Work Practices - wash hands and face after use