



OSHA Hazard Communication Standard (29 CFR 1910.1200) / Similar to OSHA Forms 20 and 174 US Department of Labor / Printed Date 03/16/98 at 11:13:2 / CC97-231DNCUSTOMFCIINE CAD

GENERAL DATA	
Manufacturer's Name and Location <ul style="list-style-type: none"> • R&F Handmade Paints, Inc. / 84 Ten Broeck Ave / Kingston, NY 12401 • Contact / Richard Frumess, President • For Information / 1.800.206.8088 • Emergency Telephone / 1.800.206.8088 or phone your local Poison Control Center • Preparation Date - 5/27/10 / Rev. #00 • CONFIRM ALL INFORMATION PRIOR TO USE 	
Label Statements for R&F Encaustics <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • Not Applicable: n/a • Not Flammable: n/f • Not Known: n/k • Repairable 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

DATA FOR COBALT COLORS	
Hazardous Ingredients/Identity/Standards/Content Information	
Ingredient Listing - wax/oil base medium <ul style="list-style-type: none"> • CAS No. - mixture • OSHA PEL - n/l • ACGIH TLV - n/ • STEL - n/l • % COMP - <95.00 	Ingredient Listing - pigments/colorants <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • Flash Point - >240 degrees C. • Flash Point Method - open cup • Upper Flammability Limit - >250 degrees F. • Extinguishing Medium - foam, dry chemical and CO2 • Specialized Fire/Fighting Procedure - none • Unusual Fire and Explosion Hazard - none
Carcinogen <ul style="list-style-type: none"> • NTP - n/l • IARC - n/l • OSHA - n/l 	Routes of Entry <ul style="list-style-type: none"> • Inhalation - yes • Skin - no • Ingestion - yes
Health Hazard Data: <ul style="list-style-type: none"> • 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. • Not intended for use by children. Keep out of reach of children. 	Reactivity Data <ul style="list-style-type: none"> • Stable - yes • Incompatibility - none • Conditions to Avoid - none • Hazardous Decomposition - yes • Hazardous Polym. - no
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: <ul style="list-style-type: none"> • 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

DATA FOR CADMIUM COLORS

Hazardous Ingredients/Identity/Standards/Content Information

Ingredient Listing - wax/oil base medium

- CAS No. - mixture
- OSHA PEL - n/a
- ACGIH TLV -n/a
- STEL - n/a
- % COMP - <95

Ingredient Listing - cadmium pigments

- CAS No. - mixture
- OSHA PEL - .005 mg/m3
- ACGIH TLV - .002 mg/m3
- STEL - n/a
- % COMP - <50

The other ingredients in the wax base medium are judged to be non-hazardous, in his 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
- Upper Flammability Limit - >250 degrees F.
- Extinguishing Medium - foam, dry chemical and CO2
- Specialized Fire/Fighting Procedure - none
- Unusual Fire and Explosion Hazard - none

Carcinogen

- NTP - listed
- IARC - listed
- OSHA - listed

Routes of Entry

- Inhalation - yes
- Skin - no
- Ingestion - yes

<p>Health Hazard Data:</p> <ul style="list-style-type: none"> contains cadmium compounds which may cause cancer if eaten (risk of cancer depends on duration and level of exposure). Effects of ingestion are cumulative due to slow elimination of absorbed cadmium. May cause harm to kidneys, testes and developing fetus. Prolonged or repeated skin contact may cause irritation and dermatitis. DO NOT EAT. Wash hands and face after use and before eating or smoking. not intended for use by children. Keep out of reach of children. 	<p>Reactivity Data</p> <ul style="list-style-type: none"> Stable - yes Incompatibility - none Conditions to Avoid - none Hazardous Decomposition - yes Hazardous Polym. - no
<p>Signs/Symptoms of Exposure - n/l 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.</p>	<p>Precautions for Safe Handling and Use:</p> <ul style="list-style-type: none"> 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
<p>Control Measures</p> <ul style="list-style-type: none"> Respiratory Protection - normally not needed Local Exhaust - to capture vapors, mist or fumes 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 molten wax 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 	

DATA FOR ALL COLORS EXCEPT CADMIUM & COBALT

Hazardous Ingredients/Identity/Standards/Content Information

<p>Ingredient Listing - wax/oil base medium</p> <ul style="list-style-type: none"> CAS No. - mixture OSHA PEL - n/a ACGIH TLV - n/a STEL - n/a % COMP - <95 	<p>Ingredient Listing - pigments/colorants</p> <ul style="list-style-type: none"> CAS No. - mixture OSHA PEL - n/a ACGIH TLV - n/a STEL - n/a % COMP - <50
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<p>Physical/Chemical Characteristics</p> <ul style="list-style-type: none"> • Boiling Point - >240 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 	<p>Fire and Explosion Hazard Data</p> <ul style="list-style-type: none"> • Flash Point - >240 degrees F. • 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 - none • Unusual Fire and Explosion Hazard - none
<p>Carcinogen</p> <ul style="list-style-type: none"> • NTP - not listed • IARC - not listed • OSHA - not listed 	<p>Routes of Entry</p> <ul style="list-style-type: none"> • Inhalation - yes • Skin - no • Ingestion - n/k