



OSHA Hazard Communication Standard (29 CFR 1910.1200) / Similar to OSHA Forms 20 and 174 US Department of Labor / Printed Date 3/27/98 at 10:23:2 / CC97-231DNNEW97 FCLINE COL

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 • 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
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. • 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.. 	Reactivity Data <ul style="list-style-type: none"> • Stable - yes • Incompatibility - n/k • Conditions to Avoid - n/k • Hazardous Decomposition - yes • Hazardous Polym. - no

<p>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.</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 - use goggle/face shield to prevent molten wax contact • Protective Clothing - normally not needed • Work Practices - wash hands and face after use 	

DATA FOR CADMIUM COLORS

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 - cadmium pigments</p> <ul style="list-style-type: none"> • CAS No. - mixture • OSHA PEL - .005 mg/m3 • ACGIH TLV - .002 mg/m3 • STEL - n/a • % COMP - <50
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The other ingredients in the wax base medium are judged to be non-hazardous, in his form, and are regarded as trade secrets

<p>Physical/Chemical Characteristics</p> <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 	<p>Fire and Explosion Hazard Data</p> <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
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<p>Carcinogen</p> <ul style="list-style-type: none"> • NTP - listed • IARC - listed • OSHA - listed 	<p>Routes of Entry</p> <ul style="list-style-type: none"> • Inhalation - yes • Skin - no • Ingestion - yes
<p>Health Hazard Data:</p> <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. • 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.. 	<p>Reactivity Data</p> <ul style="list-style-type: none"> • Stable - yes • Incompatibility - none • Conditions to Avoid - none • Hazardous Decomposition - yes
<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 - use goggle/face shield to prevent molten wax contact • Protective Clothing - normally not needed • Work Practices - wash hands and face after use 	

DATA FOR ALL COLORS EXCEPT CADMIUM & COBALT	
Hazardous Ingredients/Identity/Standards/Content Information	
Ingredient Listing - wax/oil base medium <ul style="list-style-type: none"> • CAS No. - mixture • OSHA PEL - n/a • ACGIH TLV - n/a • STEL - n/a • % COMP - <95 	Ingredient Listing - pigments/colorants <ul style="list-style-type: none"> • CAS No. - mixture • OSHA PEL - n/a • ACGIH TLV - n/a • STEL - n/a • % COMP - <50
The ingredients in the wax base medium are judged to be non-hazardous, in this form, and are regarded as a trade secrets	
Physical/Chemical Characteristics <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 	Fire and Explosion Hazard Data <ul style="list-style-type: none"> • 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 - none • Unusual Fire and Explosion Hazard - none
Carcinogen <ul style="list-style-type: none"> • NTP - not listed • IARC - not listed • OSHA - not listed 	Routes of Entry <ul style="list-style-type: none"> • Inhalation - yes • Skin - no • Ingestion - n/k
Health Hazard Data <ul style="list-style-type: none"> • 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 Polym. - no • Hazardous Decomposing - yes
Signs/Symptoms of Exposure - not listed Medical Conditions to Avoid - none First Aid - normally not needed	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 Practice - wash face and hands after use