

**00417-1019****MATERIAL SAFETY DATA SHEET**

Required under OSHA's Hazard Communication Standard 29CFR 1910.1200

**PRODUCT IDENTIFICATION**

PRODUCT NUMBER : 01000.0000  
 PRODUCT NAME : Rembrandt Oil Colours

**SECTION I**

MANUFACTURER : ROYAL TALENS  
 P.O.Box 4  
 7300 AA Apeldoorn, The Netherlands  
 EMERGENCY TELEPHONE NO. : 800-258-3331  
 INFORMATION TELEPHONE NO : (31) 55 5274700  
 DATE OF PREPARATION : 3 may 2006

**SECTION II - HAZARDOUS INGREDIENTS****REPORTABLE COMPONENTS**

For Color#	Ingredient	CAS#	Max % by Wt	PEL/TLV	NTP	IARC
515,539,610,682	Soluble Cobalt	7440-48-4	1	0.05	Y	Y

**SECTION III - PHYSICAL/CHEMICAL DATA**

BOILING POINT: Not relevant  
 VAPOR PRESSURE: Not relevant  
 VAPOR DENSITY: Not relevant  
 SOLUBILITY IN WATER: N.A.  
 APPEARANCE AND ODOR: Paste; smell of vegetable oil  
 SPECIFIC GRAVITY (H2O=1): Not relevant  
 MELTING POINT : N.A.  
 EVAPORATION RATE: N.A.

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT: N.A. FLAMMABLE LIMITS: LEL= N A UEL= N A  
 EXTINGUISHING MEDIA : N.A.  
 SPECIAL FIRE FIGHTING PROCEDURES : N.A.  
 UNUSUAL FIRE AND EXPLOSION HAZARDS : N A

**SECTION V - REACTIVITY DATA**

STABILITY : Unstable [ ] Stable [X] Conditions to avoid : N.A.  
 INCOMPATIBILITY (Materials to avoid) : N.A.  
 HAZARDOUS DECOMPOSITION PRODUCT : N.A.  
 HAZARDOUS POLYMERIZATION : May occur [ ] Will not occur [X] Conditions to avoid: N A

N A = Not Applicable

<b>SECTION VI - HEALTH HAZARD DATA</b>
--

**COLOR# 515, 539, 610 AND 682 :**

PERMISSIBLE EXPOSURE LEVEL : SEE SECTION II FOR COMPONENT PEL/TLV

PRIMARY ROUTES OF ENTRY: INHALATION, INGESTION, EYE, SKIN

EFFECTS AND SYMPTOMS OF ACUTE EXPOSURE: MAY BE HARMFUL IF SWALLOWED

EFFECTS AND SYMPTOMS OF CHRONIC EXPOSURE: INHALATION EXPOSURE MAY CAUSE RESPIRATORY ALLERGIES. SKIN CONTACT MAY CAUSE ALLERGIC SKIN RASHES. CANCER AGENT BY INHALATION BASED ON EXPERIMENTAL DATA. EXPOSURE MAY CAUSE DAMAGE TO THE HEART OR LUNGS

EXPOSURE MAY RESULT IN ITCHINESS OF THE SKIN WITH HIVES OR ECZEMA. CHRONIC EXPOSURE MAY RESULT IN SHORTNESS OF BREATH, EASY FATIGABILITY AND CHEST PAIN

CARCINOGEN LISTING: NTP: YES IARC: YES

MEDICAL CONDITIONS USUALLY AGGRAVATED BY EXPOSURE TO THIS PRODUCT: CHRONIC DERMATITIS. HEART DISEASE

FIRST AID MEASURES: If swallowed, get prompt medical attention.

<b>SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE</b>
--

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED : No special spill procedures

WASTE DISPOSAL METHOD: Dispose in accordance with federal, state and local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: N A

OTHER PRECAUTIONS: N A.

<b>SECTION VIII – CONTROL MEASURES</b>
--

RESPIRATORY PROTECTION: None required.

VENTILATION: None required.

PROTECTIVE GLOVES: None required.

EYE PROTECTION: None required

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None required.

WORK/HYGIENE PRACTICES: Avoid prolonged contact with skin Do not spray apply. Wash hands immediately after use When using do not eat, drink or smoke

**ADDITIONAL INFORMATION AND WARNINGS**

- LHAMA labeling. For color# 515, 539, 610 and 682: WARNING: MAY BE HARMFUL IF SWALLOWED, EXPOSURE MAY CAUSE ALLERGIC REACTIONS. EXPOSURE MAY CAUSE DAMAGE TO THE HEART CONTAINS: SOLUBLE COBALT. PRECAUTIONS: Avoid prolonged contact with skin. Do not spray apply Wash hands immediately after use When using do not eat, drink or smoke KEEP OUT OF REACH OF CHILDREN FIRST AID: If swallowed, get prompt medical attention
- In conformance with the Californian Safe Drinking Water and Toxic Enforcement Act (Proposition 65) the following labeling is applicable:  
For color# 242, 513, 515, 517, 534, 539, 586, 610 and 682:  
WARNING: This product contains a chemical known to the state of California to cause cancer  
For color# 207, 208, 210, 211, 271, 303, 306, 309 and 314:  
WARNING: DO NOT SPRAY APPLY—This product contains cadmium, a chemical known to the state of California to cause cancer by means of inhalation

All other colors in this product range bear the AP (approved product) or HL (health label)-Non Toxic Seal of the Art & Creative Materials Institute, Inc. This means that these colors are certified in a program of toxicological evaluation by a medical expert to contain no materials in sufficient quantities to be toxic or injurious to humans or to cause acute or chronic health problems

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Royal Talens






---



---

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**


---

FLAMMABILITY CLASSIFICATION OSHA Class I C FLASH POINT: 92° LEL: 0.7  
 DOT Flammable liquid

## EXTINGUISHING MEDIA:

FOAM     "ALCOHOL"  
 FOAM     CO2     DRY CHEMICAL     WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS: Isolate from heat, sparks, electrical equipment and open flame

SPECIAL FIREFIGHTING PROCEDURES: Water may be ineffective. Water should be used to cool containers exposed to fire.

---

**SECTION V - HEALTH HAZARD DATA**


---

EFFECTS OF OVEREXPOSURE: Acute: Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache and possible unconsciousness. Prolonged contact with the skin may lead to extraction of natural oils with resultant mild irritation. Chronic: None known

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: None known

PRIMARY ROUTE(S) OF ENTRY:  DERMAL     INHALATION     INGESTION

EMERGENCY AND FIRST AID PROCEDURES: Inhalation: Move to fresh air. Splash (eyes): flush immediately with large amounts of water for 15 minutes. Consult a physician. Splash (skin): wash affected areas with soap and water. Remove contaminated clothing. Ingestion: Drink 1 or 2 glasses to dilute. Do not induce vomiting. Consult a physician.

---

**SECTION VI - REACTIVITY DATA**


---

STABILITY:  UNSTABLE     STABLE

HAZARDOUS POLYMERIZATION:  MAY OCCUR     WILL NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS: May produce fumes when heated to decomposition. Fumes may contain carbonmonoxide.

CONDITIONS TO AVOID: Not applicable

INCOMPATIBILITY (MATERIALS TO AVOID): None reasonably foreseeable

JAN. 19. 1998 4:20PM CARBON TALENS, INC.

110.423 P. 6/8



---

**SECTION VII - SPILL OR LEAK PROCEDURES**

---

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Remove all sources of ignition. Avoid breathing vapors. Refer to protective measures listed in sections IV, V, VI, VIII and IX. Ventilate area. Absorb on a suitable medium.

**WASTE DISPOSAL METHOD** According to local regulations

---

**SECTION VIII - SAFE HANDLING AND USE INFORMATION**

---

**RESPIRATORY PROTECTION** Use adequate ventilation

**VENTILATION:** Provide sufficient ventilation to keep vapor concentrations below the given TLV and LEL value.

**PROTECTIVE GLOVES:** Required for prolonged or repeated contact

**EYE PROTECTION :** Use safety eyewear if splashing can occur

**OTHER PROTECTIVE EQUIPMENT:** Prevent prolonged skincontact with contaminated

**HYGIENIC PRACTICES:** Wash hands after use. clothing.

---

**SECTION IX - SPECIAL PRECAUTIONS**

---

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING :** Store containers out of sun and away from heat, sparks and open flame.

**OTHER PRECAUTIONS :** Observe label precautions. Keep closures tight and containers upright to prevent leakage.

---

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of ROYAL TALENS B.V.

JAN. 12. 1989 11:45 AM ROYAL TALENS B.V. INC.

*UETA 110-403-110*

NPCA 1-84



MATERIAL SAFETY DATA SHEET  
FOR COATINGS, RESINS AND RELATED MATERIALS

(Approved by U.S. Dept. of Labor "Essentially Similar" to Form OSHA-20)

MANUFACTURER'S NAME : ROYAL TALENS B.V.  
P.O.Box 4  
7300 AA Apeldoorn The Netherlands  
EMERGENCY TELEPHONE NO. :  
INFORMATION TELEPHONE NO. : (31) 55-274700  
DATE OF PREPARATION : August 1989

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NUMBER : 083

PRODUCT NAME : Rembrandt Painting Medium - regular drying

PRODUCT CLASS : Medium for artist oil paint. Based on cyclohexanon resin and vegetable oils.

This product bears the Health Label Seal of the Art & Craft Materials Institute inc., Boston. It is certified to be properly labeled in a program of toxicological evaluation by a medical expert. This program is reviewed by the Institute's Toxicological Advisory Board. Labeled in accordance with the voluntary chronic hazard labeling standard ASTM D 4236.

SECTION II - HAZARDOUS INGREDIENTS

Hazardous Ingredient	CAS-nr	% by Wt	TLV	PEL	Vapor Press. (20°C)
Petroleumdistillates		55-70	525mg/m3		4.5 mm Hg
Turpentine oil	8006-64-2	< 10	560mg/m3	560mg/m3	4.4 mm Hg

SECTION III - PHYSICAL DATA

BOILING RANGE : > 150 °C % VOLATILE BY VOLUME : 70 - 75  
VAPOR DENSITY : Heavier than air {X} Lighter than air | |  
EVAPORATION RATE : Faster than ether | | Slower than ether {X}  
WEIGHT PER GALLON : 7.1 pounds

-----  
SECTION IV - FIRE AND EXPLOSION HAZARD DATA  
-----

FLAMMABILITY CLASSIFICATION OSHA : Class II            FLASH POINT : 43 °C  
LEL: 0.6  
DOT : Combustible liquid

EXTINGUISHING MEDIA : Foam, CO2, Dry chemical.

UNUSUAL FIRE AND EXPLOSION HAZARDS :

SPECIAL FIRE FIGHTING PROCEDURES : Water may be ineffective. Water should be used to cool containers exposed to fire.

-----  
SECTION V - HEALTH HAZARD DATA  
-----

EFFECTS OF OVEREXPOSURE :            ACUTE

Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue and headache.  
Prolonged contact with the skin may lead to extraction of natural oils with resultant mild irritation.  
Prolonged or repeated eyecontact may cause irritation.

CHRONIC            None known

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE : None known

EMERGENCY AND FIRST AID PROCEDURES :

- INHALATION : Move to fresh air
- SKIN CONTACT : Wash affected areas with soap and water.  
Remove contaminated clothing
- EYE CONTACT : Flush immediately with large amounts of water for 15 minutes. Consult a physician.
- INGESTION : Drink 1 or 2 glasses of water to dilute. Do not induce vomiting. Consult a physician.

-----  
SECTION VI - REACTIVITY DATA  
-----

STABILITY :            Unstable | |            Stable |X|

HAZARDOUS DECOMPOSITION PRODUCTS : None known.

HAZARDOUS POLYMERIZATION :            May occur | |            Will not occur |X|

INCOMPATIBILITY (Materials to avoid) : None reasonably foreseeable.

CONDITIONS TO AVOID : None reasonably foreseeable.

---

---

**SECTION VII - SPILL OR LEAK PROCEDURES**

---

---

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED :**

Remove all sources of ignition. Avoid breathing vapors. Refer to protective measures listed in sections IV, V, VI, VIII and IV. Ventilate area. Absorb on a suitable medium.

**WASTE DISPOSAL :** Comply with local regulations.

---

---

**SECTION VIII - SAFE HANDLING AND USE INFORMATION**

---

---

**RESPIRATORY PROTECTION :** Use adequate ventilation.

**VENTILATION :** Provide sufficient ventilation to keep vapor concentrations below the given TLV and LEL value.

**PROTECTIVE GLOVES :** Required in case of prolonged or repeated contact.

**EYE PROTECTION :** Use safety eyewear if splashing can occur.

**OTHER PROTECTIVE EQUIPMENT :** Prevent prolonged skincontact with contaminated clothing.

**HYGIENIC PRACTICES :** Wash hands before eating, drinking or smoking.

---

---

**SECTION IX - SPECIAL PRECAUTIONS**

---

---

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING :** Store containers out of sun and away from heat, sparks and open flame.

**OTHER PRECAUTIONS :** Observe label precautions. Keep closures tight and containers upright to prevent leakage.

---

---

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Royal Talens B.V..