

00416-XXXX

9/14/2010

**MATERIAL SAFETY DATA SHEET**

MANUFACTURER OR DISTRIBUTOR: Jack Richeson & Co., Inc.  
557 S. Marcella Street  
PO BOX 160  
Kimberly, Wisconsin 54136-1760

INFORMATION TELEPHONE NUMBER: 920-738-0744  
EMERGENCY TELEPHONE NUMBER: 800-233-2404

**SECTION I - PRODUCT IDENTIFICATION**

PRODUCT NAME: SHIVA SIGNATURE OILS      PRODUCT NUMBER: S10-OILS  
PRODUCT SIZES: 10, 37, 148, 473ML      BRAND NAME: SHIVA SIGNATURE OILS  
PRODUCT CLASS: OIL PAINT      BRAND NAME: DANIEL GREEN

**SECTION II - HAZARDOUS INGREDIENTS**

Ingredient	CAS #	PEL/TLV (MG/M#)	Max % Weight	NTP	IARC
WERCS			N/A	115.81000	N N
LEAD	7439-92-1	0.05	68.48550	Y	Y
TOTAL LEAD	7439-92-1	0.05	68.48550	Y	Y
SOLUBLE CADMIUM	7440-43-9	0.01	0.15022	Y	Y
SOLUBLE COBALT	7440-48-4	0.05	13.65543	Y	Y

**SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS**

BOILING POINT: N/A      MELTING POINT: N/A  
VAPOR PRESSURE: N/A      SPECIFIC GRAVITY: N/A  
SPECIFIC VAPOR DENSITY (AIR=1): N/A      SOLUBILITY IN WATER: N/A  
SOLUBILITY IN WATER: N/A      REACTIVITY IN WATER: NON-REACTIVE  
APPEARANCE AND ODOR: Oil Paints

**SECTION IV - FIRE AND EXPLOSION INFORMATION**

FLASH POINT (METHOD): N/A      AUTOIGNITION TEMPERATURE: N/A  
EXPLOSION LIMITS IN AIR (% BY VOLUME): NOT EXPLOSIVE      EXTINGUISHING MEDIA: NO SPECIAL MEDIA REQUIRED  
FIRE FIGHTING PROCEDURES: NO SPECIAL FIRE FIGHTING PROCEDURES REQUIRED  
UNUSUAL FIRE & EXPLOSION HAZARDS: Rags or waste paper soaked with this material can burn spontaneously. Store in sealed metal container. Dispose of under water or by hanging out to dry. **RAGS, STEEL WOOL OR WASTE SOAKED WITH THIS PRODUCT MAY SPONTANEOUSLY CATCH FIRE IF IMPROPERLY DISCARDED.**

**SECTION V - PHYSICAL HAZARDS/REACTIVITY**

HAZARDOUS POLYMERIZATION PRODUCTS: NONE      INCOMPATIBILITY (MATERIALS TO AVOID): NONE  
STABILITY: STABLE CONDITIONS TO AVOID: NONE      HAZARDOUS DECOMPOSITION PRODUCTS: NONE

**SECTION VI - HEALTH HAZARD DATA**

PERMISSIBLE EXPOSURE LEVEL: SEE SECTION II FOR COMPONENT PEL/TLVs  
PRIMARY ROUTES OF ENTRY: INHALATION, INGESTION, EYE, SKIN

EFFECTS AND SYMPTOMS OF ACUTE EXPOSURE: **MAY BE HARMFUL IF SWALLOWED. MAY BE HARMFUL BY BREATHING DUSTS OR MISTS.**

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EFFECTS AND SYMPTOMS OF CHRONIC EXPOSURE: INHALATION MAY CAUSE RESPIRATORY ALLERGIES. SKIN CONTACT MAY CAUSE ALLERGIC SKIN RASHES. CANCER AGENT BASED ON EXPERIMENTAL DATA. EXPOSURE MAY CAUSE DAMAGE TO THE TESTES. INHALATION MAY CAUSE LUNG DAMAGE. EXPOSURE MAY CAUSE DAMAGE TO THE HEART. EXPOSURE MAY CAUSE NERVOUS SYSTEM, KIDNEY OR BONE MARROW DAMAGE. EXPOSURE MAY CAUSE ITCHINESS OF THE SKIN WITH HIVES OR ECZEMA. EXPOSURE MAY RESULT IN FATIGUE. CHRONIC EXPOSURE MAY RESULT IN WEAKNESS OF MUSCLES AND PAIN AND TINGLING IN THE EXTREMITIES. CHRONIC EXPOSURE MAY RESULT IN SHORTNESS OF BREATH, EASY FATIGABILITY AND CHEST PAIN.

CARCINOGEN LISTING: NTP: YES IARC: YES OSHA: NO

SEE SECTION II FOR COMPONENTS AFFECTED

MEDICAL CONDITIONS USUALLY AGGRAVATED BY OVER EXPOSURE TO THIS PRODUCT: CHRONIC DERMATITIS. CHRONIC LUNG DISEASE, CHRONIC BRONCHITIS OR ASTHMA. LIVER DISEASE. KIDNEY DISEASE. ANEMIA. PREGNANCY. HEART DISEASE.

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

## SECTION VII - SPILL OR LEAK PROCEDURES

PRECAUTIONS TO BE TAKEN DURING STORAGE AND HANDLING:  
 KEEP OUT OF REACH OF CHILDREN.

STEPS TO BE TAKEN IN CASE A MATERIAL IS SPILLED: NO SPECIAL SPILL PROCEDURES REQUIRED.

WASTE DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

## SECTION VIII - PROTECTIVE EQUIPMENT/CONTROL MEASURES

RESPIRATORY PROTECTION AND SPECIAL VENTILATION REQUIREMENTS: When mixing or handling dry material, use NIOSH-certified mask for dusts or mists.

OTHER PROTECTIVE EQUIPMENT (GLOVES, GOGGLES, ETC): Immediately after use, place soiled material in a sealed water-filled metal container.

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

## SECTION IX - ADDITIONAL INFORMATION AND WARNINGS

THIS INFORMATION SHEET IS FOR CONSUMER USE ONLY.

ADDITIONAL INFORMATION AND WARNINGS:

**WARNING: DO NOT SPRAY APPLY** -- This product contains cadmium, a chemical known to the State of California to cause cancer by means of inhalation.

**WARNING:** This product contains lead, a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

**WARNING:** This product contains a chemical known to the State of California to cause cancer.

## SECTION X - COLOR INFORMATION

THIS MSDS APPLIES TO THE FOLLOWING COLORS WHICH ARE ASSOCIATED WITH HAZARDOUS AND/OR NON-HAZARDOUS INGREDIENTS

<u>Product Color</u>	<u>Hazardous Ingredient</u>
120000 TITANIUM WHITE	(none)

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<u>Product Color</u>	<u>Hazardous Ingredient</u>
120001 ZINC WHITE	WERCS
120002 ULTRA WHITE	(none)
120003 IVORY BLACK	(none)
120004 FERROUS BLACK	(none)
120005 PAYNES GREY	(none)
120006 LIGHT RED	(none)
120007 ALIZARIN CRIMSON	(none)
120008 VENETIAN RED	(none)
120009 ROSE RED	(none)
120010 CADMIUM RED DEEP	(none)
120011 ROSE MADDER	(none)
120012 CADMIUM RED SCARLET	(none)
120013 CADMIUM RED PALE	(none)
120014 SHIVA RED MEDIUM	(none)
120015 SHIVA RED CRIMSON	(none)
120016 FLESH	WERCS
120017 YELLOW OCHRE	WERCS
120018 CADMIUM YELLOW LIGHT	(none)
120019 CADMIUM YELLOW MEDIUM	(none)
120020 NAPLES YELLOW	(none)

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<b>Product Color</b>	<b>Hazardous Ingredient</b>
120021 INDIAN YELLOW	(none)
120022 UNBLEACHED TITANIUM	(none)
120023 CADMIUM ORANGE	(none)
120024 SHIVA ORANGE	(none)
120025 BRILLIANT YELLOW LIGHT	(none)
120026 SHIVA YELLOW CITRON	(none)
120027 SHIVA YELLOW LIGHT	(none)
120028 SHIVA YELLOW MEDIUM	(none)
120029 SHIVA YELLOW PALE	(none)
120030 TURQUOISE	(none)
120031 CERULEAN BLUE	WERCS
120032 COBALT BLUE	(none)
120033 PRUSSIAN BLUE	(none)
120034 ULTRA BLUE DEEP	(none)
120035 ULTRAMARINE BLUE LIGHT	(none)
120036 ICE BLUE	(none)
120037 SHIVA BLUE DEEP	(none)
120038 SHIVA BLUE LIGHT	(none)
120039 COBALT VIOLET LIGHT	SOLUBLE COBALT
120040 MANGANESE VIOLET	(none)

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<u>Product Color</u>	<u>Hazardous Ingredient</u>
120041 SHIVA VIOLET DEEP	(none)
120042 OLIVE GREEN	(none)
120043 SAP GREEN	(none)
120044 VIRIDIAN	(none)
120045 TERRA VERTE	(none)
120046 LEAF GREEN	(none)
120047 CADMIUM GREEN	(none)
120048 SHIVA GREEN	(none)
120049 CHROME OXIDE GREEN	(none)
120050 CHROME GREEN OXIDE LIGHT	(none)
120051 BURNT SIENNA	(none)
120052 BURNT UMBER	(none)
120053 RAW SIENNA	(none)
120054 RAW UMBER	(none)
120055 ASPHALTUM	(none)
120056 VAN DYKE BROWN	(none)
120057 GOLDEN OCHRE	(none)
120058 GREEN GOLD	(none)
120059 TITANIUM WHITE	(none)
120060 ZINC WHITE	(none)

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<u>Product Color</u>	<u>Hazardous Ingredient</u>
120061 TITANIUM ZINC WHITE	(none)
120063 ULTRA WHITE	(none)
120065 TITANIUM ZINC WHITE	(none)
120066 TITANIUM WHITE	(none)
120067 ZINC WHITE	(none)
120204 INDIAN RED	(none)
120208 YELLOW OCHRE DG	WERCS
120210 CADMIUM YELLOW MEDIUM DG	SOLUBLE CADMIUM
120226 VIRIDIAN DG	(none)
120228 PHTHALO GREEN	(none)
120231 BURNT UMBER WARM	(none)
120232 BURNT UMBER COOL	(none)
120233 BURNT SIENNA DG	(none)
120233 RAW SIENNA DG	(none)
120235 RAW UMBER COOL	(none)
120236 TRANSPARENT BROWN	(none)
120250 FLAKE WHITE	LEAD TOTAL LEAD



Completed By: Larry L. Cook, Ph.D., DABT  
 07/29/2008