

MATERIAL SAFETY DATA SHEET

5/15/2014

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

INFORMATION TELEPHONE NUMBER:
 EMERGENCY TELEPHONE NUMBER: **800-233-2404**

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: **JACK RICHESON OILS (SHIVA SERIES)** PRODUCT NUMBER: **S10-OILS**
 PRODUCT SIZES: **10, 37, 148, 473ML** BRAND NAME: **JACK RICHESON OILS (SHIVA SERIES)**
 PRODUCT CLASS: **OIL PAINT**

SECTION II - POTENTIAL HEALTH EFFECTS

PERMISSIBLE EXPOSURE LEVEL: SEE SECTION III 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.

EFFECTS AND SYMPTOMS OF CHRONIC EXPOSURE: EXPOSURE MAY CAUSE HARM TO THE DEVELOPING FETUS. INHALATION
 MAY CAUSE LUNG DAMAGE.

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

SEE SECTION III FOR COMPONENTS AFFECTED

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

SECTION III - HAZARDOUS INGREDIENTS

Ingredient	CAS #	PEL/TLV (MG/M#)	Max % Weight	NTP	IARC
CADMIUM	7440-43-9	0.01	0.20200	Y	Y

SECTION IV - FIRST AID

FIRST AID MEASURES: NONE REQUIRED. NO ACUTE HEALTH EFFECTS EXPECTED.

SECTION V - FIRE FIGHTING MEASURES

FLASH POINT (METHOD): N/A AUTOIGNITION TEMPERATURE: N/A
 EXPLOSION LIMITS IN AIR (% BY VOLUME): NOT EXPLOSIVE
 EXTINGUISHING MEDIA: NO SPECIAL MEDIA REQUIRED

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5/15/2014

FIRE FIGHTING PROCEDURES: NO SPECIAL FIRE FIGHTING PROCEDURES REQUIRED
UNUSUAL FIRE & EXPLOSION HAZARDS: NOT COMBUSTIBLE

SECTION VI - SPILL AND LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE A MATERIAL IS SPILLED: Clean up in accordance with all applicable regulations. Absorb spillage with non-combustible, absorbent material. For waste disposal, see Section XIII

SECTION VII - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN DURING STORAGE AND HANDLING: Good industrial hygiene practice requires that exposure be maintained below the TLV. This is preferably achieved through the provision of adequate ventilation. When exposure cannot be adequately controlled in this way, personal respiratory protection should be employed.

SECTION VIII - EXPOSURE CONTROLS

RESPIRATORY PROTECTION AND SPECIAL VENTILATION REQUIREMENTS: NONE REQUIRED
OTHER PROTECTIVE EQUIPMENT (GLOVES, GOGGLES, ETC): NONE REQUIRED
WORK/HYGIENE PRACTICES: **AVOID USING IF PREGNANT OR CONTEMPLATING PREGNANCY.**
ENGINEERING CONTROLS: Not for use by children.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/A
VAPOR PRESSURE: N/A
SPECIFIC VAPOR DENSITY (AIR=1): N/A
SOLUBILITY IN WATER: N/A

MELTING POINT: N/A
SPECIFIC GRAVITY: N/A
REACTIVITY IN WATER: NON-REACTIVE

SECTION X - STABILITY AND REACTIVITY

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

SECTION XI - TOXICOLOGICAL INFORMATION

ACUTE EFFECTS ASSOCIATED WITH USE OF THIS MATERIAL: MAY BE HARMFUL IF SWALLOWED.
MAY BE HARMFUL BY BREATHING DUSTS OR MISTS.
The summated LD50 is 2451.2 mg/kg.
This product is/is not considered to be a known or suspected human carcinogen by NTP, IARC or OSHA (see section III)

SECTION XII - ECOLOGICAL INFORMATION

NO HARMFUL EFFECTS KNOWN OTHER THAN THOSE ASSOCIATED WITH SUSPENDED INERT SOLIDS IN WATER.

SECTION XIII - DISPOSAL CONSIDERATIONS

RCRA HAZARD CLASS (40 CFR 261): THIS PRODUCT IS NOT CLASSIFIED AS A HAZARDOUS WASTE.
WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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5/15/2014

SECTION XIV - TRANSPORTATION INFORMATION

U.S. DOT (49 CFR 172.101): THIS IS NOT A HAZARDOUS MATERIAL AS CLASSIFIED BY CFR 172.101.

SECTION XV - REGULATORY INFORMATION

CONTENTS OF THIS MSDS COMPLY WITH OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200
EPA SARA TITLE III CHEMICAL LISTINGS
NONE

SECTION 302.4 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355):
NONE

SECTION 313 TOXIC CHEMICALS (40 CFR 372):
NONE

INTERNATIONAL REGULATIONS

CANADIAN WHMIS: THIS PRODUCT IS A CONTROLLED PRODUCT UNDER CANADA'S WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM. IT CONTAINS THE FOLLOWING TOXIC OR HIGHLY TOXIC MATERIALS:

BLACK IRON OXIDE
COPPER PHTHALOCYANINE
FERRIC OXIDE
LINSEED OIL
PIGMENT RED 83
TRIETHANOLAMINE
ZINC OXIDE

SUPPLEMENTAL STATE COMPLIANCE INFORMATION:

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED IN THE STATE OF CALIFORNIA UNDER THEIR SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986 (PROPOSITION 65) AS BEING KNOWN TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM:

CARBON BLACK
PIGMENT BLACK 9
TITANIUM DIOXIDE

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED UNDER NEW JERSEY'S RIGHT TO KNOW PROGRAM:

BLACK IRON OXIDE
CHROMIUM OXIDE GREEN
MANGANESE CARBOXYLATE
P-CHLORO-O-NITRANILINE COUPLED WITH ACET
PIGMENT RED 101
PIGMENT VIOLET 16
PIGMENT WHITE 6
ZINC OXIDE

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) REQUIRING NOTIFICATION TO THE STATE OF WASHINGTON UNDER THEIR CHILDREN'S SAFE PRODUCTS ACT:

NONE

SECTION XVI - OTHER INFORMATION

THIS INFORMATION SHEET IS FOR CONSUMER USE ONLY.

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5/15/2014

Woodhall Stopford, MD, MSPH 5/15/2014

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5/15/2014

COLOR INFORMATION

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

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5/15/2014

Product Color	SKU	Hazardous Ingredient
120000 TITANIUM WHITE		(NONE)
120001 ZINC WHITE		(NONE)
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		(NONE)
120017 YELLOW OCHRE		(NONE)
120018 CADMIUM YELLOW LIGHT		(NONE)
120019 CADMIUM YELLOW MEDIUM		(NONE)
120020 NAPLES YELLOW		(NONE)
120021 INDIAN YELLOW		(NONE)
120022 UNBLEACHED TITANIUM		(NONE)
120023 CADMIUM ORANGE		CADMIUM
120024 SHIVA ORANGE		(NONE)
120025 BRILLIANT YELLOW		(NONE)
120026 YELLOW CITRON		(NONE)
120027 SHIVA YELLOW LIGHT		(NONE)
120028 SHIVA YELLOW MEDIUM		(NONE)
120029 SHIVA YELLOW PALE		(NONE)
120030 TURQUIOSE		(NONE)
120031 CERULEAN BLUE		(NONE)
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		(NONE)
120040 MANGANESE VIOLET		(NONE)
120041 SHIVA VIOLET DEEP		(NONE)
120042 OLIVE GREEN		(NONE)
120043 SAP GREEN		(NONE)
120044 VIRIDIAN		(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)
120061 TITANIUM ZINC WHITE		(NONE)
120081 BURNT UMBER COOL		(NONE)

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5/15/2014

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120082 RAW UMBER COOL		(NONE)
120083 PERMANENT ALIZARIN		(NONE)
120084 QUINACRIDONE RED		(NONE)
120086 QUINACRIDONE MAGENTA		(NONE)
120087 QUINACRIDONE VIOLET		(NONE)
120088 NAPTHOL RED LIGHT		(NONE)
120089 ULTRAMARINE VIOLET		(NONE)
120090 PHTHALO GREEN - YS		(NONE)
120091 TRANSPARENT RED OXIDE		(NONE)
120092 TRANSPARENT YELLOW OXIDE		(NONE)

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5/15/2014

BRAND NAMES

THIS MSDS APPLIES TO THE FOLLOWING BRAND NAMES

Brand Name	SKU
ARTIST AND CRAFTSMAN OILS	
JACK RICHESON OILS (SHIVA SERIES)	
PLAZA OILS	