

00416-XXXX

**MATERIAL SAFETY DATA SHEET**

2-1-2018

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**

<b>Ingredient</b>	<b>CAS #</b>	<b>PEL/TLV (MG/M#)</b>	<b>Max % Weight</b>	<b>NTP</b>	<b>IARC</b>
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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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	MELTING POINT: N/A
VAPOR PRESSURE: N/A	SPECIFIC GRAVITY: N/A
SPECIFIC VAPOR DENSITY (AIR=1): N/A	REACTIVITY IN WATER: NON-REACTIVE
SOLUBILITY IN WATER: N/A	

## 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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## 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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Woodhall Stopford, MD, MSPH

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### COLOR INFORMATION

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

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Product Color	SKU	Hazardous Ingredient
120000	JR OIL TITAN. WHT 1.25OZ	(NONE)
120001	JR OIL ZINC WHITE 1.25OZ	(NONE)
120002	JR OIL ULTRA WHT 1.25OZ	(NONE)
120003	JR OIL IVO. BLK 1.25OZ	(NONE)
120004	JR OIL MARS BLK 1.25OZ	(NONE)
120005	JR OIL PAYN GRY 1.25OZ	(NONE)
120006	JR OIL LT. RED 1.25OZ	(NONE)
120007	JR OIL ALIZ. CRIM.1.25OZ	MORDANT RED 11
120008	JR OIL VENETIAN RED	(NONE)
120009	JR OIL QUIN ROSE 1.25OZ	(NONE)
120010	JR OIL CAD RED DP 1.25OZ	(NONE)
120011	JR OIL ROSE MAD. 1.25OZ	MORDANT RED 11
120012	JR OIL CAD RED SCAR 1.25OZ	(NONE)
120013	JR OIL CAD RED PALE 1.25OZ	(NONE)
120014	JR OIL NAPTH RED MED1.25OZ	(NONE)
120015	SHIVA RED CRIMSON OIL 1.25OZ	(NONE)
120016	JR OIL FLESH 1.25OZ	(NONE)
120017	JR OIL YEL OCHRE 1.25OZ	(NONE)
120018	JR OIL CAD YEL. LT 1.25OZ	(NONE)
120019	JR OIL CAD YEL MED 1.25OZ	(NONE)
120020	JR OIL NAPLES YELLOW 1.25 OZ	(NONE)
120021	JR OIL IND. YEL 1.25OZ	(NONE)
120022	JR OIL UNBLEC. TITAN 1.25OZ	(NONE)
120023	JR OIL CAD ORAN 1.25OZ	(NONE)
120024	JR OIL SHIVA ORAN 1.25OZ	(NONE)
120025	JR OIL BRILL YEL LT. 1.25OZ	(NONE)
120026	JR OIL SHIVA YEL CIT. 1.25OZ	(NONE)
120027	JR OIL HANSA YEL 1.25OZ	(NONE)
120028	JR OIL HANSA YEL MED 1.25OZ	(NONE)
120029	JR OIL HANSA YL PAL. 1.25OZ	(NONE)
120030	JR OIL TURQU. 1.25OZ	(NONE)
120031	JR OIL CERUL. BLU 1.25OZ	(NONE)
120032	JR OIL COBALT BLUE 1.25OZ	(NONE)
120033	JR OIL PRUS. BLUE 1.25OZ	(NONE)
120034	JR OIL ULTRA BLU DP1.25OZ	(NONE)
120035	JR OIL ULTRA BLU LT1.25OZ	(NONE)
120036	JR OIL ICE BLUE1.25OZ	(NONE)
120037	JR OIL PTHALO BLU DP1.25OZ	(NONE)
120038	JR OIL PTHALO BLU LT1.25OZ	(NONE)
120039	JR OIL COBALT VIOLET LT 1.25OZ	(NONE)
120040	JR OIL MANGA VIOLET 1.25OZ	(NONE)
120041	JR OIL DIOX VIOL. 1.25OZ	(NONE)
120042	JR OIL OLIVE GRN 1.25OZ	(NONE)
120043	JR OIL SAP GRN 1.25OZ	(NONE)
120044	JR OIL VIRID. GRN 1.25OZ	(NONE)
120045	JR OIL TERRE VERTE 1.25	(NONE)
120046	JR OIL LEAF GRN 1.25OZ	(NONE)
120047	JR OIL CAD GRN 1.25OZ	(NONE)
120048	JR OIL PTHALO GRN BL SH 1.25OZ	(NONE)
120049	JR OIL CHROM OX GRN DP 1.25OZ	(NONE)
120050	JR OIL CHROM OX GRN LT 1.25OZ	(NONE)
120051	JR OIL BURNT SIENNA 1.25 OZ	(NONE)
120052	JR OIL BURNT UMBER 1.25OZ	(NONE)
120053	JR OIL RAW SIENNA 1.25OZ	(NONE)
120054	JR OIL RAW UMB WARM 1.25OZ	(NONE)
120055	JR OIL ASPHALTUM 1.25OZ	(NONE)
120056	JR OIL VAN DYKE BROWN 1.25OZ	(NONE)
120057	JR OIL GOLDEN OCHRE	(NONE)

Product Color	SKU	Hazardous Ingredient
120058	JR OIL GREEN GOLD 1.25OZ	(NONE)
120059	JR OIL TITANIUM WHITE 5OZ	(NONE)
120060	JR OIL ZINC WHITE 5OZ	(NONE)
120061	JR OIL TITAN ZINC WHITE 5OZ	(NONE)
120063	JR OIL ULTRA WHITE 5OZ	(NONE)
120065	JR OIL TIT. ZINC WHITE 16 OZ	(NONE)
120066	JR OIL TIT. WHITE 16. OZ	(NONE)
120067	JR OIL ZINC WHITE 16 OZ.	(NONE)
120081	JR OIL BURNT UMBER COOL 1.25OZ	(NONE)
120082	JR OIL RAW UMB COOL 1.25OZ	(NONE)
120083	JR OIL Permanent Alizarin 1.25	(NONE)
120084	JR OIL Quinacridone Red 1.25OZ	(NONE)
120086	JR OIL Quinacridone Magenta 1.	(NONE)
120087	JR OIL Quinacridone Violet 1.2	(NONE)
120088	JR OIL Napthol Red Light 1.25O	(NONE)
120089	JR OIL Ultramarine Violet 1.25	(NONE)
120090	JR OIL Phthalo Green Yellow Sh	(NONE)
120091	JR OIL Transparent Red Oxide 1	(NONE)
120092	JR OIL Transparent Yellow Oxid	(NONE)
120096	JR OIL TRANS MARBLE WHT 1.25OZ	(NONE)
120100	JR OIL COBALT TEAL 1.25OZ	(NONE)
120101	JR OIL KINGS BLUE 1.25OZ	(NONE)
120102	JR OIL INDANTHRENE BLUE 1.25OZ	(NONE)
120103	JR OIL TRANS ORG OXIDE 1.25OZ	(NONE)
120104	JR OIL PYRROLE ORANGE 1.25OZ	(NONE)
120105	JR OIL NICKEL TITANATE 1.25OZ	(NONE)
120106	JR OIL BRILLIANT GRN LT 1.25OZ	(NONE)
120107	JR OIL BRILLIANT PINK LT 1.25O	(NONE)
120108	JR OIL BRILLIANT VIOLET LT 1.	(NONE)
120110	JR OIL COBALT GR DP 1.25OZ	(NONE)
120111	JR OIL COBALT GREEN 1.25OZ	(NONE)

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**BRAND NAMES**

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<b>Brand Name</b>	<b>SKU</b>
ARTIST AND CRAFTSMAN OILS	
JACK RICHESON OILS (SHIVA SERIES)	
PLAZA OILS	