

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

| 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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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.

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.

COMPANY: Jack Richeson & Co., Inc.
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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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THIS SDS APPLIES TO THE FOLLOWING COLORS WHICH ARE ASSOCIATED WITH HAZARDOUS AND/OR NON-HAZARDOUS INGREDIENTS

| 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 Naphthol 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

THIS MSDS APPLIES TO THE FOLLOWING BRAND NAMES

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