

# SAFETY DATA SHEET

7/2/2020

## SECTION I - IDENTIFICATION

### Material Name

SHIVA CASEIN COLORS

### Company Information

Jack Richeson & Co., Inc.  
557 S. Marcella Street  
Kimberly, WI 54136-1760  
Phone: 920-738-0744  
Fax: 1-800-233-2545  
Email: jackie@richesonart.com

For transportation emergencies only call: 800-233-2404

For health emergencies call the Poison Control Center: 1-800-222-1222

## SECTION II - HAZARDS IDENTIFICATION

### Classification in accordance with paragraph (d) of 29 CFR 1910.1200.

There are no GHS label elements.

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

<u>Hazardous Ingredients</u>	<u>CAS/EC #</u>	<u>PEL/TLV (MG/M#)</u>	<u>Max % Weight</u>	<u>NTP</u>	<u>IARC</u>
CADMIUM	7440-43-9	0.01	0.56591	Y	Y

## SECTION IV - FIRST AID MEASURES

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

## SECTION V - FIRE FIGHTING MEASURES

FLASH POINT (METHOD): 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: NOT COMBUSTIBLE

AUTOIGNITION TEMPERATURE: N/A

## SECTION VI - ACCIDENTAL RELEASE MEASURES

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 / PERSONAL PROTECTION

RESPIRATORY PROTECTION AND SPECIAL VENTILATION REQUIREMENTS: NONE REQUIRED  
OTHER PROTECTIVE EQUIPMENT (GLOVES, GOGGLES, ETC): NONE REQUIRED  
WORK/HYGIENE PRACTICES: Do not spray apply. **AVOID USING IF PREGNANT OR CONTEMPLATING PREGNANCY.** Workers exposed to cadmium dusts must have routine medical monitoring (see OSHA Cadmium Regulation, 29 CFR 1910.1027).  
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  
FLASH POINT (METHOD): N/A  
SPECIFIC GRAVITY: N/A  
REACTIVITY IN WATER: NON-REACTIVE

## SECTION X - STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION PRODUCTS: N/A  
STABILITY: STABLE CONDITIONS TO AVOID: N/A  
INCOMPATIBILITY (MATERIALS TO AVOID): N/A  
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide and smoke

## 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 3912.0 mg/kg.  
The summated LC50 is 22611 mg/cubic meter.  
This product is considered to be a known or suspected human carcinogen by NTP, IARC or OSHA (see section III)

## SECTION XII - ECOLOGICAL INFORMATION

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

UN Number:.....not regulated UN Proper Name.....not regulated Transport Hazard Classification..not regulated Packaging Group(if applicable)..not regulated Environmental Hazards.....not known Guidance on transport in bulk.....not regulated Guidance on transport by air..... This product is not classified as a dangerous good per IATA Dangerous Goods Regulations. Any Special Precautions.....none known

## SECTION XV - REGULATORY INFORMATION

CONTENTS OF THIS SDS COMPLY WITH OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200

EPA SARA TITLE III CHEMICAL LISTINGS:

SECTION 302.4 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355):

NONE

SECTION 313 TOXIC CHEMICALS (40 CFR 372):

PIGMENT BLUE DISPERSION

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:

COPPER PHTHALOCYANINE

FERRIC OXIDE

LINSEED OIL

OCTYLPHENOXYPOLYETHOXYETHANOL

PIGMENT BLUE DISPERSION

PIGMENT BROWN 7

PIGMENT VIOLET 19

TRIETHANOLAMINE

SUPPLEMENTAL STATE COMPLIANCE INFORMATION:

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

CHROMIUM OXIDE GREEN

PIGMENT BLUE DISPERSION

PIGMENT BROWN 7

PIGMENT RED 101

PIGMENT WHITE 6

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

PIGMENT BLUE DISPERSION

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED IN FLORIDA'S TOXIC SUBSTANCE LIST:

IRON OXIDE FUME

PIGMENT BLUE DISPERSION

PIGMENT BROWN 7

TRIETHANOLAMINE

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED IN MAINE'S PRIORITY CHEMICAL LIST:

NONE

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICALS CONSIDERED BY VERMONT AS BEING OF VERY HIGH CONCERN TO CHILDREN:

NONE

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED IN MASSACHUSETTS HAZARDOUS SUBSTANCE LIST:  
CARBON BLACK  
CHROMIUM (III) OXIDE  
IRON OXIDE DUST  
PIGMENT BLUE DISPERSION  
PIGMENT BROWN 7  
TITANIUM DIOXIDE  
TRIETHANOLAMINE

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED ON MICHIGAN'S CRITICAL MATERIALS REGISTER:  
NONE

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED ON MINNESOTA'S HAZARDOUS SUBSTANCES LIST:  
CARBON BLACK  
IRON OXIDE FUME (FE<sub>2</sub>O<sub>3</sub>) AS FE  
PIGMENT BLUE DISPERSION  
PIGMENT BROWN 7  
TITANIUM DIOXIDE  
TRIETHANOLAMINE

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED IN PENNSYLVANIA'S HAZARDOUS SUBSTANCES LIST:  
CARBON BLACK  
ETHANOL, 2,2'-NITRILOTRIS-  
IRON OXIDE  
LINSEED OIL  
PIGMENT BLUE DISPERSION  
PIGMENT BROWN 7  
TITANIUM OXIDE

Under CPSC's consumer product regulations (16CFR1500.3 and 1500.14), this product has the following required acute and chronic hazard labeling:

**WARNING: MAY BE HARMFUL IF SWALLOWED. EXPOSURE MAY CAUSE HARM TO THE DEVELOPING FETUS.**  
**Contains: CADMIUM**

**PRECAUTIONS: AVOID USING IF PREGNANT OR CONTEMPLATING PREGNANCY. KEEP OUT OF REACH OF CHILDREN.** If swallowed, get prompt medical attention.  
For further health information contact a poison control center or call . . . (must contain a US telephone # and US company name and address on the label).

## SECTION XVI - OTHER INFORMATION

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.

**LAST REVISION DATE: 07/02/2020**

**Prepared by Duke OEM Toxicology**

## COLOR INFORMATION

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

Product Color	SKU	Hazardous Ingredient
ALIZARIN CRIMSON		(NONE)
BURNT SIENNA		(NONE)
BURNT UMBER		(NONE)
CADMIUM GREEN		(NONE)
CADMIUM ORANGE		(NONE)
CADMIUM RED EXTRA DEEP		(NONE)
CADMIUM RED PALE		(NONE)
CADMIUM RED SCARLET		(NONE)
CADMIUM YELLOW LIGHT		CADMIUM
CADMIUM YELLOW MEDIUM		CADMIUM
CERULEAN BLUE		(NONE)
CHROME OXIDE GREEN DEEP		(NONE)
COBALT BLUE		(NONE)
GOLDEN OCHRE		(NONE)
IVORY BLACK		(NONE)
LIGHT RED		(NONE)
NAPLES YELLOW		(NONE)
PAYNE'S GREY		(NONE)
PERMANENT GREEN LIGHT		(NONE)
PERMASOL BLUE		(NONE)
PHTHALO TURQUOISE		(NONE)
QUINACRIDONE VIOLET		(NONE)
RAW SIENNA		(NONE)
RAW UMBER		(NONE)
ROSE RED		(NONE)
SHIVA BLACK		(NONE)
SHIVA BLUE DEEP (PHTHALO)		(NONE)
SHIVA GREEN (PHTHALO)		(NONE)
SHIVA ROSE		(NONE)
SHIVA VIOLET		(NONE)
TERRA VERTE		(NONE)
TITANIUM WHITE		(NONE)
ULTRAMARINE BLUE DEEP		(NONE)
ULTRAMARINE VIOLET		(NONE)
ULTRAMARINE VIOLET BLUE SHADE		(NONE)
VENETIAN RED		(NONE)
YELLOW OCHRE		(NONE)

## BRAND NAMES

THIS SDS APPLIES TO THE FOLLOWING BRAND NAMES

**Brand Name**

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SHIVA CASEIN COLORS