

SAFETY DATA SHEET

11/23/2015

SECTION I - IDENTIFICATION

Material Name

ARTISTS PAINTSTIKS

Company Information

LA-CO Industries, Inc./Markal
1201 Pratt Blvd.
Elk Grove Village, IL 60007-5746
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For transportation emergencies only call: 847-956-7600

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.

Hazardous to the Aquatic Environment - Acute - Category 1

Hazardous to the Aquatic Environment - Chronic - Category 1

Skin Sensitization - Category 1

GHS Label Elements**Symbol(s)****Signal Word(s)**

Danger

Hazard Statement(s)

May cause an allergic skin reaction Very toxic to aquatic life Very toxic to aquatic life with long lasting effects

Precautionary Statement(s)**Prevention**

Avoid breathing dust/fume/gas/mist/vapours/spray. Contaminated work clothing should not be allowed out of the workplace.
Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response

Wash contaminated clothing before reuse. Collect spillage. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.

SECTION III - COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Hazardous Ingredients	CAS/EC #	PEL/TLV (MG/M#)	Max % Weight	NTP	IARC
ZINC OXIDE	1314-13-2	N/A	2.40000	N	N
ROSIN	8050-09-7	N/A	1.87000	N	N

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: NONE REQUIRED
 ENGINEERING CONTROLS: NONE REQUIRED

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: N/A
STABILITY: STABLE CONDITIONS TO AVOID: N/A
INCOMPATIBILITY (MATERIALS TO AVOID): N/A
HAZARDOUS DECOMPOSITION PRODUCTS: N/A

SECTION XI - TOXICOLOGICAL INFORMATION

ACUTE EFFECTS ASSOCIATED WITH USE OF THIS MATERIAL: NONE EXPECTED
The summated LD50 is >50000 mg/kg.
The summated LC50 is 99999 mg/cubic meter.
This product is not considered to be a known or suspected human carcinogen by NTP, IARC or OSHA (see section III)

SECTION XII - ECOLOGICAL INFORMATION

Aquatic Hazard Statement(s)

Very toxic to aquatic life
Very toxic to aquatic life with long lasting effects

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 SDS 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:
COPPER PHTHALOCYANINE
FERRIC OXIDE
LINSEED OIL
MICA
ZINC OXIDE

SUPPLEMENTAL STATE COMPLIANCE INFORMATION:

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

MICA
PIGMENT RED 101
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

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

Iron oxide fume
Mica dust
Zinc oxide fume

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:

Calcium carbonate
Carbon black
Iron oxide dust
Mica Dust
Titanium dioxide
Zinc oxide fume

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:

Calcium carbonate
Carbon black
Iron oxide fume (Fe₂O₃) as Fe
Limestone
Rosin core solder decomposition products
Titanium dioxide
Zinc oxide, fume and dust

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED IN PENNSYLVANIA'S HAZARDOUS SUBSTANCES LIST:

Carbon black
Iron oxide
Limestone
Linseed oil
Mica-group minerals
Titanium oxide
Zinc oxide

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

NONE

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: 11/23/2015

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
001 ALIZARINE CRIMSON		(NONE)
002 BURNT SIENNA		(NONE)
003 AZO ORANGE		(NONE)
004 AZO YELLOW		(NONE)
005 IVORY BLACK		(NONE)
006 NAPHTHOL RED		(NONE)
007 PHTHALO BLUE		(NONE)
008 PHTHALO GREEN		(NONE)
009 RAW UMBER		(NONE)
010 TITANIUM WHITE		(NONE)
011 ULTRAMARINE BLUE		(NONE)
012 YELLOW OCHRE		(NONE)
015 BEIGE		(NONE)
016 CHOCOLATE BROWN		(NONE)
017 MAUVE		(NONE)
018 MEADOW GREEN		(NONE)
019 NAVY BLUE		(NONE)
020 SLATE BLUE		(NONE)
021 DUSTY ROSE		(NONE)
022 CADMIUM YELLOW		(NONE)
023 CADMIUM ORANGE		(NONE)
025 CADMIUM SCARLET RED		(NONE)
030 COBALT BLUE		(NONE)
037 CELADON GREEN		(NONE)
038 VIRIDIAN GREEN		(NONE)
040 YELLOW CITRON		(NONE)
041 GRAPE		(NONE)
042 LT GREEN		(NONE)
043 TOMPTE RED		(NONE)
044 MUDSTONE		(NONE)
045 SANDSTONE		(NONE)
046 IRIDESCENT TURQUOISE		(NONE)
047 TURQUOISE		(NONE)
051 BURNT UMBER		(NONE)
052 PAYNES GRAY		(NONE)
099 OLD SAP GREEN		(NONE)
110 ANTIQUE WHITE		(NONE)
121 ORANGE		(NONE)
125 MEDIUM PINK		(NONE)
126 BARN RED		(NONE)
129 WEDGEWOOD BLUE		(NONE)
167 OLIVE GREEN		(NONE)
180 PEACH		(NONE)
182 PRUSSIAN BLUE		(NONE)
187 ICE BLUE		(NONE)
189 IRIDESCENT GREEN		(NONE)
198 PEWTER GRAY		(NONE)
3400 FUCHSIA		(NONE)
3400 IRD GRAPE		(NONE)
3400 IRD JADE		(NONE)
3400 IRD LIME		(NONE)
3400 IRD MAGENTA		(NONE)
3400 IRD SAPPHIRE		(NONE)
3400 MARSH GREEN		(NONE)
3400 PERIWINKLE		(NONE)
401 IVORY BLACK		(NONE)
402 BLUE		(NONE)

Product Color	SKU	Hazardous Ingredient
403 BROWN		(NONE)
405 GREEN		(NONE)
408 PURPLE SAGE		(NONE)
409 DEEP RED		(NONE)
410 RED BROWN		(NONE)
412 YELLOW		(NONE)
501 SUN YELLOW		(NONE)
502 HOT PINK		(NONE)
503 ROYAL GREEN		(NONE)
504 FIRE RED		(NONE)
505 BLAZING ORANGE		(NONE)
506 STAR BLUE		(NONE)
915 RED		(NONE)
FLUORESCENT BLUE		(NONE)
FLUORESCENT GREEN		(NONE)
FLUORESCENT ORANGE		(NONE)
FLUORESCENT PINK		(NONE)
FLUORESCENT RED		(NONE)
FLUORESCENT YELLOW		(NONE)

BRAND NAMES

THIS SDS APPLIES TO THE FOLLOWING BRAND NAMES

Brand Name

SHIVA ARTISTS PAINTSTIKS
JACK RICHESON
SHOW-OFFS STENCILING CREAM(HOBBY LOBBY)