

# ECO CorFlex

## Molecular Industrial Polymers

### SAFETY DATA SHEET

**PRODUCT NAME:** LIQUID ART METALLIC PIMENT (CRIMSON)

**HMIS RATINGS:** H F R

**PRODUCT DESCRIPTION:** LIQUID ART METALLIC ADDITIVE

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#### SECTION I: COMPANY IDENTIFICATION

<b>DISTRIBUTOR'S NAME:</b>	ECO-CORFLEX INDUSTRIAL POLYMERS		
<b>ADDRESS:</b>	4350 S. 38 <sup>TH</sup> ST., SUITE #110, PHOENIX, AZ 85040		
<b>EMERGENCY PHONE #:</b>	1-800-255-3924	<b>DATE REVISED:</b>	MAR 19, 2023
<b>INFORMATION PHONE #:</b>	1-866-406-2628	<b>NAME OF PREPARER:</b>	TECH. DEPT.

#### SECTION II: HAZARDS IDENTIFICATION

##### CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

ACCORDING TO REGULATION (EC) NO. 1272/2008(CLP) : NOT CLASSIFIED

ACCORDING TO DIRECTIVE 67/548/EEC & DIRECTIVE 1999/45/EC : NOT CLASSIFIED

ADDITIONAL INFORMATION : NOT AVAILABLE

##### LABEL ELEMENTS

GHS LABEL ELEMENTS : NOT APPLICABLE

HAZARD PICTOGRAM(S) : NOT APPLICABLE

SIGNAL WORD(S) : NOT APPLICABLE

HAZARD STATEMENT(S) : NOT APPLICABLE

PRECAUTIONARY STATEMENT(S) : NOT APPLICABLE

OTHER HAZARDS : NOT KNOWN

#### SECTION III: COMPOSITION & INFORMATION ON INGREDIENTS

**CHEMICAL FAMILY:** MICA-IRON OXIDE. CONTAINS NO HAZARDOUS INGREDIENTS.

**COMMON CHEMICAL NAME:** FLUORPHLOGOPITE

CAS NO.: 12003-38-2

EINECS NO.: 234-426-5

COLOUR INDEX: -

CHEMICAL COMPOSITION: 67-73

HAZARD CLASSIFICATION (DIRECTIVE 67/548/EEC & DIRECTIVE 1999/45/EC, REGULATION (EC) NO. 1272/2008(CLP): NOT CLASSIFIED

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#### SECTION III: COMPOSITION & INFORMATION ON INGREDIENTS (CONT'D)

COMMON CHEMICAL NAME: IRON OXIDE

CAS NO.: 1309-37-1

EINECS NO.: 215-168-2

COLOUR INDEX: 77491

CHEMICAL COMPOSITION: 27-33

HAZARD CLASSIFICATION (DIRECTIVE 67/548/EEC & DIRECTIVE 1999/45/EC, REGULATION (EC) NO. 1272/2008(CLP): NOT CLASSIFIED

#### SECTION IV: FIRST AID MEASURES

##### DESCRIPTION OF FIRST AID MEASURES

INHALATION: REMOVE CAUSALITY TO FRESH AIR AND KEEP AT REST

SKIN CONTACT: WASH AFFECTED SKIN WITH PLENTY OF WATER

EYE CONTACT: IF CONTACT WITH EYES DIRECTLY, FLUSH WITH GENTLY FLOWING FRESH WATER THOROUGHLY; IF EYE IRRITATION PERSISTS, GET MEDICAL ADVICE/ATTENTION

INGESTION: IF INGESTED, WASH OUT MOUTH WITH WATER, DRINK MILK OR EGG WHITE

NOTES TO PHYSICIAN: NO SPECIAL MEASURES ARE REQUIRED

##### MOST IMPORTANT SYSTEMS AND EFFECTS

##### BOTH ACUTE AND DELAYED

ACUTE: NONE; LONG TERM (REPEATED): MAY CAUSE IRRITATION TO THE RESPIRATORY SYSTEM. COUGH. INCREASED DIFFICULTY IN BREATHING

##### INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

RECOMMENDED: A. CHEST XRAY; B. LUNG FUNCTIONALITY TESTS

#### SECTION V: FIRE FIGHTING MEASURES

##### EXTINGUISHING MEDIA

SUITABLE EXTINGUISHING MEDIA: EXTINGUISH WITH WATERSPRAY, FOAM OR DRY CHEMICAL

UNSUITABLE EXTINGUISHING MEDIA: CARBON DIOXIDE

##### SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

THERMAL HAZARDS: NONCOMBUSTIBLE. NONE ANTICIPATED

ADVICE FOR FIREFIGHTERS: FIRE FIGHTERS SHOULD WEAR COMPLETE PROTECTIVE CLOTHING INCLUDING SELF-CONTAINED BREATHING APPARATUS

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#### SECTION VI: ACCIDENTAL RELEASE MEASURES

##### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

PERSONAL PRECAUTIONS: DO NOT BREATHE DUST

PERSONAL PROTECTION EQUIPMENT: WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT, AVOID DIRECT CONTACT

IN CASE OF EMERGENCY: A SELF CONTAINED BREATHING APPARATUS AND SUITABLE PROTECTIVE CLOTHING SHOULD BE WORN IN FIRE CONDITIONS

ENVIRONMENTAL PRECAUTIONS: DO NOT ALLOW TO ENTER DRAINS, SEWERS OR WATERCOURSES

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP: COLLECT MECHANICALLY AND DISPOSE OF ACCORDING TO SECTION 13. USE VACUUM EQUIPMENT FOR COLLECTING SPILT MATERIALS, WHERE PRACTICABLE

REFERENCE TO OTHER SECTIONS: SEE SECTIONS 8 AND 13

#### SECTION VII: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: AVOID BREATHING DUST

CONDITIONS FOR SAFE STORAGE

INCLUDING ANY INCOMPATIBILITIES: KEEP CONTAINER IN A WELL VENTILATED PLACE

SPECIFIC END USE(S): NOT KNOWN

#### SECTION VIII: EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS : PROVIDE ADEQUATE VENTILATION WHEN USING THE MATERIAL AND FOLLOW THE PRINCIPLES OF GOOD OCCUPATIONAL HYGIENE TO CONTROL PERSONAL EXPOSURES

EXPOSURE LIMIT VALUES : NOT KNOWN

##### EXPOSURE CONTROLS

APPROPRIATE ENGINEERING CONTROLS: PROVIDE ADEQUATE VENTILATION TO ENSURE THAT THE OCCUPATIONAL EXPOSURE LIMIT IS NOT EXCEEDED. ISOLATE THE DISPERSIVE PROCESS STEP AWAY FROM OTHER OPERATIONS. THIS CAN BE ACHIEVED BY LOCAL EXHAUST VENTILATION OR GENERAL VENTILATION

##### INDIVIDUAL PROTECTIONS MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT(PPE)

HAND/EYE/FACE PROTECTION: WEAR GLOVES, EYE PROTECTION AND AN APPROVED DUST MASK IF DUST IS GENERATED DURING HANDLING. GOGGLES GIVING COMPLETE PROTECTION TO EYES. DUST MASK COVERING NOSE AND MOUTH

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#### SECTION VIII: EXPOSURE CONTROLS / PERSONAL PROTECTION (CONT'D)

SKIN PROTECTION: APRON OR OTHER LIGHT PROTECTIVE CLOTHING, BOOTS AND PLASTIC OR SYNTHETIC RUBBER GLOVES

RESPIRATORY PROTECTION: DUST MASK COVERING NOSE AND MOUTH

THERMAL HAZARDS: NONE

ENVIRONMENTAL EXPOSURE CONTROLS: AVOID DUST GENERATION. AVOID ACCUMULATION OF DUST

#### SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

FORM: POWDER

COLOUR: FLASH WINE RED

ODOUR: ODOURLESS

PH: 6.0-9.0 (4% H<sub>2</sub>O)

BOILING POINT, °C : NOT APPLICABLE

MELTING POINT, °C : DECOMPOSES

FREEZING POINT, °C : NOT APPLICABLE

DENSITY: 2.7-3.2 KG/L

BULK DENSITY: 17-25 G/100G

VAPOUR PRESSURE: NOT APPLICABLE

SOLUBILITY (IN WATER): INSOLUBLE

PARTICLE SIZE: 20-100MM

#### SECTION X: STABILITY & REACTIVITY DATA

REACTIVITY: THERE MAY BE VIOLENT OR INCANDESCENT REACTION OF THE PRODUCT WITH METALS AT HIGH TEMPERATURES (E.G., ALUMINIUM; CALCIUM; MAGNESIUM; POTASSIUM; SODIUM; ZINC; LITHIUM)

CHEMICAL STABILITY: STABLE UNDER NORMAL CONDITIONS

POSSIBILITY OF HAZARDOUS REACTIONS: NONE

CONDITIONS TO AVOID: HIGH TEMPERATURE

INCOMPATIBLE MATERIALS: STRONGLY ACIDIC, STRONGLY ALKALINE, OXIDIZING AGENTS

DECOMPOSITION PRODUCTS: NO INFORMATION AVAILABLE

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#### SECTION XI: TOXICOLOGICAL INFORMATION

##### INFORMATION ON TOXICOLOGICAL EFFECTS

THIS INORGANIC PIGMENT IN GENERAL IS CONSIDERED TO BE PRACTICALLY NONTOXIC.

ACUTE TOXICITY: NOT AVAILABLE

CARCINOGENICITY: NOT AVAILABLE

#### SECTION XII: ECOLOGICAL INFORMATION

TOXICITY: NO DATA

PERSISTENCE AND DEGRADABILITY: INSOLUBLE IN WATER. THIS PRODUCT IS PREDICTED NOT TO DEGRADE IN SOIL AND WATER

BIOACCUMULATIVE POTENTIAL: NO DATA

MOBILITY IN SOIL: NOT APPLICABLE

RESULTS OF PBT AND VPVB ASSESSMENT: NOT APPLICABLE

OTHER ADVERSE EFFECTS: NOT KNOWN

#### SECTION XIII: DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS: DISPOSE OF CONTENTS IN ACCORDANCE WITH LOCAL, STATE OR NATIONAL LEGISLATION

#### SECTION XIV: TRANSPORT INFORMATION

ADR/RID, ADN, IMDG, ICAO/IATA: NON-REGULATED MATERIAL

#### SECTION XV: REGULATORY INFORMATION

ACCORDING TO DIRECTIVE 67/548/EEC & DIRECTIVE 1999/45/EC: NOT CLASSIFIED AS DANGEROUS FOR SUPPLY/USE

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATIONS SPECIFIC FOR THE SUBSTANCE OR MIXTURE: NOT AVAILABLE

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#### SECTION XVI: OTHER INFORMATION

ANNEX TO THE EXTENDED SAFETY DATA SHEET (ESDS)

ADR : EUROPEAN AGREEMENT CONCERNING INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD

CAS : CHEMICAL ABSTRACTS SERVICE

EC : EUROPEAN COMMUNITY

ICAO : INTERNATIONAL CIVIL AVIATION ORGANIZATION

IMDG : INTERNATIONAL MARITIME DANGEROUS GOODS

IATA : INTERNATIONAL AIR TRANSPORT ASSOCIATION

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