

# ECO CorFlex

## Molecular Industrial Polymers

### SAFETY DATA SHEET

**PRODUCT NAME:** "CLEAN" MICA

**HMIS RATINGS:** H F R

**PRODUCT DESCRIPTION:** MICA FLAKES

N/AV

#### 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. CONTAINS NO HAZARDOUS INGREDIENTS

NAME	CAS NO.	EINECS NO.	COLOUR INDEX	CHEMICAL COMP.	HAZARD CLASSIFICATION
MICA	12001-26-2	310-127-6	77019	92-95	NOT CLASSIFIED
IRON OXIDE	1309-37-1	215-168-2	77491	5-8	NOT CLASSIFIED

#### SECTION IV: FIRST AID MEASURES

##### DESCRIPTION OF FIRST AID MEASURES

INHALATION: IN CASE OF 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.

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#### SECTION IV: FIRST AID MEASURES (CONT'D)

##### **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 X-RAY; B. LUNG FUNCTIONALITY TESTS

#### SECTION V: FIRE FIGHTING MEASURES

##### **EXTINGUISHING MEDIA**

**SUITABLE EXTINGUISHING MEDIA:** EXTINGUISH WITH WATER SPRAY, FOAM OR DRY CHEMICAL.

**UNSUITABLE EXTINGUISHING MEDIA:** CARBON DIOXIDE.

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

**THERMAL HAZARDS:** NON-COMBUSTIBLE. NONE ANTICIPATED.

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

#### 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

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#### 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 CONTROL / 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.

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

**COLOR:** GOLD

**ODOR:** ODORLESS

**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:** NOT APPLICABLE

**BULK DENSITY:** NOT APPLICABLE

**VAPOR PRESSURE:** N/D

**SOLUBILITY IN WATER:** INSOLUBLE

**PARTICLE SIZE:** 3-6 MM

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#### 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.

#### 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.

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#### SECTION XIV: TRANSPORT INFORMATION

NOT CLASSIFIED AS DANGEROUS FOR TRANSPORT.

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INTERNATIONAL

TRANSPORT REGULATIONS	ADR/RID	ADN	IMDG	ICAO/IATA
UN NUMBER	N/A	N/A	N/A	N/A
PROPER SHIPPING NAME	N/A	N/A	N/A	N/A
TRANSPORT HAZARD CLASS	N/A	N/A	N/A	N/A
PACKING GROUP	N/A	N/A	N/A	N/A
ENVIRONMENTAL HAZARDS	NONE	NONE	NONE	NONE
SPECIAL PRECAUTIONS FOR USER	NONE	NONE	NONE	NONE

TRANSPORT IN BULK ACCORDING TO

ANNEX II OF MARPOL73/78 AND

THE IBC CODE

	N/A	N/A	N/A	N/A
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HAZARD LABELS: N/A

ADDITIONAL INFORMATION: CUSTOM TARIFF NO. 32061900

N/A = NOT APPLICABLE

#### 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.

#### 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

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#### SECTION XVI: OTHER INFORMATION (CONT'D)

IMDG: INTERNATIONAL MARITIME DANGEROUS GOODS

IATA: INTERNATIONAL AIR TRANSPORT ASSOCIATION

#### DATA SOURCES

NPIRI RAW MATERIAL HANDBOOK, VOLUME 4, PIGMENTS, SECOND EDITION, 2001

BOOK ON "SAFE HANDLING OF PIGMENTS", EUROPEAN EDITION 1995, BCMA, EPSOM ETAD, VDMI  
HSDB

NIOSH ICSC

HAZARDOUS SUBSTANCE FACT SHEET, NEW JERSEY DEPARTMENT OF HEALTH AND SENIOR SERVICE

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