

ECO CorFlex

Molecular Industrial Polymers

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: DURACUIRE CONCRETE AGGREGATE

HMS RATINGS: H F R

PRODUCT DESCRIPTION: CEMENTITIOUS AGGREGATE

3 0 0

SECTION I: COMPANY IDENTIFICATION

DISTRIBUTOR'S NAME:	ECO-CORFLEX INDUSTRIAL POLYMERS		
ADDRESS:	4350 S. 38 TH ST., SUITE #110, PHOENIX, AZ 85040		
EMERGENCY PHONE #:	1-800-255-3924	DATE REVISED:	MAR 16, 2023
INFORMATION PHONE #:	1-866-406-2628	NAME OF PREPARER:	TECH. DEPT.

SECTION II: HAZARDS IDENTIFICATION

PHYSICAL HAZARDS: NOT CLASSIFIED.

HEALTH HAZARDS:

SKIN CORROSION/IRRITATION: CATEGORY 2

SERIOUS EYE DAMAGE/EYE IRRITATION: CATEGORY 1

CARCINOGENICITY: CATEGORY 1A

SPECIFIC TARGET ORGAN TOXICITY, SINGLE EXPOSURE: CATEGORY 3 RESPIRATORY TRACT IRRITATION

SPECIFIC TARGET ORGAN TOXICITY, REPEATED EXPOSURE: CATEGORY 2 (LUNGS)

OSHA DEFINED HAZARDS: NOT CLASSIFIED.

LABEL ELEMENTS



SIGNAL WORD: DANGER

HAZARD STATEMENT: CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE DAMAGE. MAY CAUSE CANCER. MAY CAUSE RESPIRATORY IRRITATION. MAY CAUSE DAMAGE TO ORGANS (LUNGS) THROUGH PROLONGED OR REPEATED EXPOSURE.

PRECAUTIONARY STATEMENT

PREVENTION: OBTAIN SPECIAL INSTRUCTIONS BEFORE USE. DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD. DO NOT BREATHE DUST. WASH THOROUGHLY AFTER HANDLING. USE IN A WELL-VENTILATED AREA. WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.

RESPONSE: IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION. IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. IMMEDIATELY CALL A POISON CENTER/DOCTOR.

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SECTION II: HAZARDS IDENTIFICATION (CONT'D)

IF ON SKIN: WASH WITH PLENTY OF WATER. IF SKIN IRRITATION OCCURS: GET MEDICAL ADVICE/ATTENTION. TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE. IF INHALED: REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING. CALL A POISON CENTER/DOCTOR IF YOU FEEL UNWELL.

STORAGE: KEEP CONTAINER TIGHTLY CLOSED. STORE IN DRY LOCATION

SECTION III: COMPOSITION & INFORMATION ON INGREDIENTS

SUBSTANCE / MIXTURE: MIXTURE

OTHER MEANS OF IDENTIFICATION (COMPOSITION): NOT AVAILABLE

COMPONENT	CAS #	% BY WEIGHT
CALCIUM SULFOALUMINATE CEMENT	960375-09-1	40-60
SILICA SAND, QUARTZ	14808-60-7	40-60
SODIUM SULPHATE	7757-82-6	0-4
METHANAL	50-00-0	0-0.1

COMPOSITION COMMENTS: ALL CONCENTRATIONS ARE IN PERCENT BY WEIGHT UNLESS INGREDIENT IS A GAS. GAS CONCENTRATIONS ARE IN PERCENT BY VOLUME.

SECTION IV: FIRST AID MEASURES

INHALATION: IF DUST FROM THE MATERIAL IS INHALED, REMOVE THE AFFECTED PERSON IMMEDIATELY TO FRESH AIR. CALL A PHYSICIAN IF SYMPTOMS DEVELOP OR PERSIST.

SKIN CONTACT: REMOVE CONTAMINATED CLOTHING. WASH WITH PLENTY OF SOAP AND WATER. IF SKIN IRRITATION OCCURS: GET MEDICAL ATTENTION. WASH CONTAMINATED CLOTHING BEFORE REUSE.

EYE CONTACT: DO NOT RUB EYES. IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. GET MEDICAL ATTENTION IMMEDIATELY.

INGESTION: IMMEDIATELY RINSE MOUTH AND DRINK PLENTY OF WATER. CALL AN AMBULANCE AND TAKE THESE INSTRUCTIONS. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED: SEVERE EYE IRRITATION. SYMPTOMS MAY INCLUDE STINGING, TEARING, REDNESS, SWELLING, AND BLURRED VISION. PERMANENT EYE DAMAGE INCLUDING BLINDNESS COULD RESULT. UPPER RESPIRATORY TRACT IRRITATION. COUGHING. DISCOMFORT IN THE CHEST. SHORTNESS OF BREATH. WHEEZING. SKIN IRRITATION.

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SECTION IV: FIRST AID MEASURES

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED: PROVIDE GENERAL SUPPORTIVE MEASURES AND TREAT SYMPTOMATICALLY. KEEP VICTIM UNDER OBSERVATION. SYMPTOMS MAY BE DELAYED.

GENERAL INFORMATION: IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE). ENSURE THAT MEDICAL PERSONNEL ARE AWARE OF THE MATERIAL(S) INVOLVED, AND TAKE PRECAUTIONS TO PROTECT THEMSELVES. SHOW THIS SAFETY DATA SHEET TO THE DOCTOR IN ATTENDANCE.

SECTION V: FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: WATER FOG. FOAM. DRY CHEMICAL POWDER. CO₂.

UNSUITABLE EXTINGUISHING MEDIA: DO NOT USE WATER JET AS AN EXTINGUISHER, AS THIS WILL SPREAD THE FIRE.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: DURING FIRE, GASES HAZARDOUS TO HEALTH MAY BE FORMED.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS: SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING MUST BE WORN IN CASE OF FIRE.

FIREFIGHTING EQUIPMENT/INSTRUCTIONS: MOVE CONTAINERS FROM FIRE AREA IF YOU CAN DO SO WITHOUT RISK.

SPECIFIC METHODS: USE STANDARD FIREFIGHTING PROCEDURES AND CONSIDER THE HAZARDS OF OTHER INVOLVED MATERIALS.

GENERAL FIRE HAZARDS: NO UNUSUAL FIRE OR EXPLOSION HAZARDS NOTED.

SECTION VI: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: KEEP UNNECESSARY PERSONNEL AWAY. KEEP PEOPLE AWAY FROM AND UPWIND OF SPILL/LEAK. WEAR APPROPRIATE PROTECTIVE EQUIPMENT AND CLOTHING DURING CLEAN-UP. DO NOT BREATHE DUST. USE A NIOSH/MSHA APPROVED RESPIRATOR IF THERE IS A RISK OF EXPOSURE TO DUST/FUME AT LEVELS EXCEEDING THE EXPOSURE LIMITS. DO NOT TOUCH DAMAGED CONTAINERS OR SPILLED MATERIAL UNLESS WEARING APPROPRIATE PROTECTIVE CLOTHING. ENSURE ADEQUATE VENTILATION. LOCAL AUTHORITIES SHOULD BE ADVISED IF SIGNIFICANT SPILLAGES CANNOT BE CONTAINED. FOR PERSONAL PROTECTION, SEE SECTION 8 OF THE SDS.

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SECTION VI: ACCIDENTAL RELEASE MEASURES (CONT'D)

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: STOP THE FLOW OF MATERIAL, IF THIS IS WITHOUT RISK. IF SWEEPING OF A CONTAMINATED AREA IS NECESSARY USE A DUST SUPPRESSANT AGENT WHICH DOES NOT REACT WITH THE PRODUCT. COLLECT DUST USING A VACUUM CLEANER. MINIMIZE DUST GENERATION AND ACCUMULATION. PREVENT ENTRY INTO WATERWAYS, SEWER, BASEMENTS OR CONFINED AREAS. FOLLOWING PRODUCT RECOVERY, FLUSH AREA WITH WATER. FOR WASTE DISPOSAL, SEE SECTION 13 OF THE SDS.

ENVIRONMENTAL PRECAUTIONS: AVOID DISCHARGE INTO DRAINS OR WATER COURSES.

SECTION VII: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: OBTAIN SPECIAL INSTRUCTIONS BEFORE USE. DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD. PROVIDE APPROPRIATE EXHAUST VENTILATION AT PLACES WHERE DUST IS FORMED. MINIMIZE DUST GENERATION AND ACCUMULATION. DO NOT BREATHE DUST. DO NOT GET THIS MATERIAL IN CONTACT WITH EYES. AVOID PROLONGED EXPOSURE. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT. OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES: STORE IN ORIGINAL TIGHTLY CLOSED CONTAINER. STORE IN DRY LOCATION. STORE AWAY FROM INCOMPATIBLE MATERIALS (SEE SECTION 10 OF THE SDS).

SECTION VIII: EXPOSURE CONTROL / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS

COMPONENTS	TYPE	VALUE	FORM
US. OSHA TABLE Z-3 (29 CFR 1910.1000)			
SILICA, QUARTZ (CAS 14808-60-7)	TWA	0.3 MG/M3	TOTAL DUST
		0.1 MG/M3	RESPIRABLE
		2.4 MPPCF	RESPIRABLE
US. ACGIH THRESHOLD LIMIT VALUES			
SILICA, QUARTZ (CAS 14808-60-7)	TWA	0.025 MG/M3	RESPIRABLE FRACTION
US. NIOSH: POCKET GUIDE TO CHEMICAL HAZARDS			
SILICA, QUARTZ (CAS 14808-60-7)	TWA	0.05 MG/M3	RESPIRABLE DUST

ECO CorFlex

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3 0 0

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

BIOLOGICAL LIMIT VALUES: NO BIOLOGICAL EXPOSURE LIMITS NOTED FOR THE INGREDIENT(S).

EXPOSURE GUIDELINES: OCCUPATIONAL EXPOSURE TO NUISANCE DUST (TOTAL AND RESPIRABLE) AND RESPIRABLE CRYSTALLINE SILICA SHOULD BE MONITORED AND CONTROLLED.

APPROPRIATE ENGINEERING CONTROLS: GOOD GENERAL VENTILATION (TYPICALLY 10 AIR CHANGES PER HOUR) SHOULD BE USED. VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS. IF APPLICABLE, USE PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION, OR OTHER ENGINEERING CONTROLS TO MAINTAIN AIRBORNE LEVELS BELOW RECOMMENDED EXPOSURE LIMITS. IF EXPOSURE LIMITS HAVE NOT BEEN ESTABLISHED, MAINTAIN AIRBORNE LEVELS TO AN ACCEPTABLE LEVEL. VENTILATION SHOULD BE SUFFICIENT TO EFFECTIVELY REMOVE AND PREVENT BUILDUP OF ANY DUSTS OR FUMES THAT MAY BE GENERATED DURING HANDLING OR THERMAL PROCESSING. IF ENGINEERING MEASURES ARE NOT SUFFICIENT TO MAINTAIN CONCENTRATIONS OF DUST PARTICULATES BELOW THE OCCUPATIONAL EXPOSURE LIMIT (OEL), SUITABLE RESPIRATORY PROTECTION MUST BE WORN. EYE WASH FACILITIES AND EMERGENCY SHOWER MUST BE AVAILABLE WHEN HANDLING THIS PRODUCT.

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE PROTECTION: WEAR SAFETY GLASSES/GOGGLES UNLESS FULL FACE RESPIRATOR IS IN USE.

SKIN PROTECTION

HAND PROTECTION: WEAR APPROPRIATE CHEMICAL RESISTANT GLOVES.

OTHER: WEAR APPROPRIATE CHEMICAL RESISTANT CLOTHING. USE OF AN IMPERVIOUS APRON IS RECOMMENDED.

RESPIRATORY PROTECTION: USE A NIOSH/MSHA APPROVED RESPIRATOR IF THERE IS A RISK OF EXPOSURE TO DUST/FUME AT LEVELS EXCEEDING THE EXPOSURE LIMITS.

THERMAL HAZARDS: WEAR APPROPRIATE THERMAL PROTECTIVE CLOTHING, WHEN NECESSARY.

GENERAL HYGIENE CONSIDERATIONS: WHEN USING, DO NOT EAT, DRINK OR SMOKE. ALWAYS OBSERVE GOOD PERSONAL HYGIENE MEASURES, SUCH AS WASHING AFTER HANDLING THE MATERIAL AND BEFORE EATING, DRINKING, AND/OR SMOKING. ROUTINELY WASH WORK CLOTHING AND PROTECTIVE EQUIPMENT TO REMOVE CONTAMINANTS. OBSERVE ANY MEDICAL SURVEILLANCE REQUIREMENTS.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

PHYSICAL STATE: SOLID

FORM: POWDER

COLOR: TAN

ECO CorFlex

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3 0 0

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES (CONT'D)

ODOR: LOW

ODOR THRESHOLD: NOT AVAILABLE.

PH: 11 – 12 WHEN WET

MELTING POINT/FREEZING POINT: NOT APPLICABLE.

INITIAL BOILING POINT AND BOILING RANGE: NOT APPLICABLE.

FLASH POINT: NOT APPLICABLE.

EVAPORATION RATE: NOT APPLICABLE.

FLAMMABILITY (SOLID, GAS): NON COMBUSTIBLE.

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS

FLAMMABILITY LIMIT – LOWER (%): NOT APPLICABLE.

FLAMMABILITY LIMIT - UPPER (%): NOT APPLICABLE.

VAPOR PRESSURE: NOT APPLICABLE.

VAPOR DENSITY: NOT APPLICABLE.

RELATIVE DENSITY: 2.7-3.1 @ 20°C

SOLUBILITY (WATER): NOT AVAILABLE.

PARTITION COEFFICIENT (N-OCTANOL/WATER): NOT APPLICABLE.

AUTO-IGNITION TEMPERATURE: NOT APPLICABLE.

DECOMPOSITION TEMPERATURE: 2460 °F (1350 °C)

VISCOSITY: NOT APPLICABLE.

OTHER INFORMATION

BULK DENSITY: 60 LB/FT³

PARTITION COEFFICIENT (OIL/WATER): NOT APPLICABLE.

VOC (WEIGHT %): 0 G/L WHEN MIXED WITH WATER

SECTION X: STABILITY & REACTIVITY DATA

REACTIVITY: THE PRODUCT IS STABLE AND NON-REACTIVE UNDER NORMAL CONDITIONS OF USE, STORAGE AND TRANSPORT.

CHEMICAL STABILITY: MATERIAL IS STABLE UNDER NORMAL CONDITIONS.

POSSIBILITY OF HAZARDOUS REACTIONS: NO DANGEROUS REACTION KNOWN UNDER CONDITIONS OF NORMAL USE.

ECO CorFlex

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3 0 0

SECTION X: STABILITY & REACTIVITY DATA (CONT'D)

CONDITIONS TO AVOID: AVOID TEMPERATURES EXCEEDING THE DECOMPOSITION TEMPERATURE. CONTACT WITH INCOMPATIBLE MATERIALS. AVOID DISPERSAL OF DUST IN THE AIR (I.E., CLEARING DUST SURFACES WITH COMPRESSED AIR).

INCOMPATIBLE MATERIALS: POWERFUL OXIDIZERS.

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON OXIDES. SULFUR OXIDES. SILICIUM OXIDE.

SECTION XI: TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE

INHALATION: MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE BY INHALATION. INHALATION OF DUSTS MAY CAUSE RESPIRATORY IRRITATION. PROLONGED INHALATION MAY BE HARMFUL.

SKIN CONTACT: CAUSES SKIN IRRITATION. PROLONGED CONTACT WITH WET CEMENT/MIXTURE MAY CAUSE BURNS.

EYE CONTACT: CAUSES SERIOUS EYE DAMAGE. PROLONGED CONTACT WITH WET CEMENT/MIXTURE MAY CAUSE BURNS.

INGESTION: SWALLOWING MAY CAUSE GASTROINTESTINAL IRRITATION.

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS: SEVERE EYE IRRITATION. SYMPTOMS MAY INCLUDE STINGING, TEARING, REDNESS, SWELLING, AND BLURRED VISION. PERMANENT EYE DAMAGE INCLUDING BLINDNESS COULD RESULT. UPPER RESPIRATORY TRACT IRRITATION. COUGHING. DISCOMFORT IN THE CHEST. SHORTNESS OF BREATH. WHEEZING. SKIN IRRITATION.

INFORMATION ON TOXICOLOGICAL EFFECTS

ACUTE TOXICITY: MAY CAUSE RESPIRATORY IRRITATION.

SKIN CORROSION/IRRITATION: CAUSES SKIN IRRITATION.

SERIOUS EYE DAMAGE/EYE IRRITATION: CAUSES SERIOUS EYE DAMAGE.

RESPIRATORY OR SKIN SENSITIZATION

RESPIRATORY SENSITIZATION: NO DATA AVAILABLE

SKIN SENSITIZATION: NO DATA AVAILABLE.

GERM CELL MUTAGENICITY: NO DATA AVAILABLE TO INDICATE PRODUCT OR ANY COMPONENTS PRESENT AT GREATER THAN 0.1% ARE MUTAGENIC OR GENOTOXIC.

CARCINOGENICITY: MAY CAUSE CANCER.

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3 0 0

SECTION XI: TOXICOLOGICAL INFORMATION (CONT'D)

IN 1997, IARC (THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER) CONCLUDED THAT CRYSTALLINE SILICA INHALED FROM OCCUPATIONAL SOURCES CAN CAUSE LUNG CANCER IN HUMANS. HOWEVER IN MAKING THE OVERALL EVALUATION, IARC NOTED THAT "CARCINOGENICITY WAS NOT DETECTED IN ALL INDUSTRIAL CIRCUMSTANCES STUDIED. CARCINOGENICITY MAY BE DEPENDENT ON INHERENT CHARACTERISTICS OF THE CRYSTALLINE SILICA OR ON EXTERNAL FACTORS AFFECTING ITS BIOLOGICAL ACTIVITY OR DISTRIBUTION OF ITS POLYMORPHS." (IARC MONOGRAPHS ON THE EVALUATION OF THE CARCINOGENIC RISKS OF CHEMICALS TO HUMANS, SILICA, SILICATES DUST AND ORGANIC FIBRES, 1997, VOL. 68, IARC, LYON, FRANCE.) IN JUNE 2003, SCOEL (THE EU SCIENTIFIC COMMITTEE ON OCCUPATIONAL EXPOSURE LIMITS) CONCLUDED THAT THE MAIN EFFECT IN HUMANS OF THE INHALATION OF RESPIRABLE CRYSTALLINE SILICA DUST IS SILICOSIS. "THERE IS SUFFICIENT INFORMATION TO CONCLUDE THAT THE RELATIVE RISK OF LUNG CANCER IS INCREASED IN PERSONS WITH SILICOSIS (AND, APPARENTLY, NOT IN EMPLOYEES WITHOUT SILICOSIS EXPOSED TO SILICA DUST IN QUARRIES AND IN THE CERAMIC INDUSTRY). THEREFORE, PREVENTING THE ONSET OF SILICOSIS WILL ALSO REDUCE THE CANCER RISK..." (SCOEL SUM DOC 94-FINAL, JUNE 2003) ACCORDING TO THE CURRENT STATE OF THE ART, WORKER PROTECTION AGAINST SILICOSIS CAN BE CONSISTENTLY ASSURED BY RESPECTING THE EXISTING REGULATORY OCCUPATIONAL EXPOSURE LIMITS. OCCUPATIONAL EXPOSURE TO RESPIRABLE DUST AND RESPIRABLE CRYSTALLINE SILICA SHOULD BE MONITORED AND CONTROLLED.

IARC MONOGRAPHS. OVERALL EVALUATION OF CARCINOGENICITY

AMORPHOUS SILICA; SILICA DIOXIDE (CAS 61790-53-2): 3 - NOT CLASSIFIABLE AS TO CARCINOGENICITY TO HUMANS.

SILICA, QUARTZ (CAS 14808-60-7): 1 - CARCINOGENIC TO HUMANS.

NTP REPORT ON CARCINOGENS

SILICA, QUARTZ (CAS 14808-60-7): KNOWN TO BE HUMAN CARCINOGEN.

OSHA SPECIFICALLY REGULATED SUBSTANCES (29 CFR 1910.1001-1050)

NOT LISTED.

REPRODUCTIVE TOXICITY: MAY DAMAGE FERTILITY OR THE UNBORN CHILD.

SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE: MAY CAUSE RESPIRATORY IRRITATION.

SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE: MAY CAUSE DAMAGE TO ORGANS (LUNGS) THROUGH PROLONGED OR REPEATED EXPOSURE.

ASPIRATION HAZARD: DUE TO THE PHYSICAL FORM OF THE PRODUCT IT IS NOT AN ASPIRATION HAZARD.

CHRONIC EFFECTS: PROLONGED OR REPEATED EXPOSURE MAY CAUSE LUNG INJURY, INCLUDING SILICOSIS. MAY CAUSE SKIN DISORDERS IF CONTACT IS REPEATED OR PROLONGED.

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3 0 0

SECTION XII: ECOLOGICAL INFORMATION

ECOTOXICITY: THE PRODUCT IS NOT CLASSIFIED AS ENVIRONMENTALLY HAZARDOUS. HOWEVER, THIS DOES NOT EXCLUDE THE POSSIBILITY THAT LARGE OR FREQUENT SPILLS CAN HAVE A HARMFUL OR DAMAGING EFFECT ON THE ENVIRONMENT.

PERSISTENCE AND DEGRADABILITY: NO DATA IS AVAILABLE ON THE DEGRADABILITY OF THIS PRODUCT.

BIOACCUMULATIVE POTENTIAL: NO DATA AVAILABLE.

MOBILITY IN SOIL: NO DATA AVAILABLE.

OTHER ADVERSE EFFECTS: NO OTHER ADVERSE ENVIRONMENTAL EFFECTS (E.G. OZONE DEPLETION, PHOTOCHEMICAL OZONE CREATION POTENTIAL, ENDOCRINE DISRUPTION, GLOBAL WARMING POTENTIAL) ARE EXPECTED FROM THIS COMPONENT.

SECTION XIII: DISPOSAL CONSIDERATIONS

DISPOSAL INSTRUCTIONS: COLLECT AND RECLAIM OR DISPOSE IN SEALED CONTAINERS AT LICENSED WASTE DISPOSAL SITE. DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH LOCAL/REGIONAL/NATIONAL/INTERNATIONAL REGULATIONS.

LOCAL DISPOSAL REGULATIONS: DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.

HAZARDOUS WASTE CODE: THE WASTE CODE SHOULD BE ASSIGNED IN DISCUSSION BETWEEN THE USER, THE PRODUCER AND THE WASTE DISPOSAL COMPANY.

WASTE FROM RESIDUES / UNUSED PRODUCTS: DISPOSE OF IN ACCORDANCE WITH LOCAL REGULATIONS. EMPTY CONTAINERS OR LINERS MAY RETAIN SOME PRODUCT RESIDUES. THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF IN A SAFE MANNER (SEE: DISPOSAL INSTRUCTIONS).

CONTAMINATED PACKAGING: EMPTY CONTAINERS SHOULD BE TAKEN TO AN APPROVED WASTE HANDLING SITE FOR RECYCLING OR DISPOSAL. SINCE EMPTIED CONTAINERS MAY RETAIN PRODUCT RESIDUE, FOLLOW LABEL WARNINGS EVEN AFTER CONTAINER IS EMPTIED.

SECTION XIV: TRANSPORT INFORMATION

DOT: NOT REGULATED AS DANGEROUS GOODS.

IATA: NOT REGULATED AS DANGEROUS GOODS.

IMDG: NOT REGULATED AS DANGEROUS GOODS.

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE:
NOT APPLICABLE.

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SECTION XV: REGULATORY INFORMATION

US FEDERAL REGULATIONS: THIS PRODUCT IS A "HAZARDOUS CHEMICAL" AS DEFINED BY THE OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200.

TSCA SECTION 12(B) EXPORT NOTIFICATION (40 CFR 707, SUBPT. D): NOT REGULATED.

OSHA SPECIFICALLY REGULATED SUBSTANCES (29 CFR 1910.1001-1050): NOT LISTED.

CERCLA HAZARDOUS SUBSTANCE LIST (40 CFR 302.4): NOT LISTED.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA)

HAZARD CATEGORIES: IMMEDIATE HAZARD - YES; DELAYED HAZARD - YES; FIRE HAZARD - NO; PRESSURE HAZARD - NO; REACTIVITY HAZARD - NO.

SARA 302 EXTREMELY HAZARDOUS SUBSTANCE

CHEMICAL NAME	CAS NUMBER	% BY WT.
FORMALDEHYDE	50-00-0	<=0.02

SARA 311/312 HAZARDOUS CHEMICAL: YES

SARA 313 (TRI REPORTING): NOT REGULATED.

OTHER FEDERAL REGULATIONS

CLEAN AIR ACT (CAA) SECTION 112 HAZARDOUS AIR POLLUTANTS (HAPS) LIST: NOT REGULATED.

CLEAN AIR ACT (CAA) SECTION 112(R) ACCIDENTAL RELEASE PREVENTION (40 CFR 68.130): NOT REGULATED.

SAFE DRINKING WATER ACT (SDWA): NOT REGULATED.

US STATE REGULATIONS

WARNING: CANCER AND REPRODUCTIVE HARM - WWW.P65WARNINGS.CA.GOV

US. MASSACHUSETTS RTK - SUBSTANCE LIST: SILICA, QUARTZ (CAS 14808-60-7)

US. NEW JERSEY WORKER AND COMMUNITY RIGHT-TO-KNOW ACT: SILICA, QUARTZ (CAS 14808-60-7)

US. PENNSYLVANIA WORKER & COMMUNITY RIGHT-TO-KNOW LAW: SILICA, QUARTZ (CAS 14808-60-7)

US. RHODE ISLAND RTK: NOT REGULATED

US. CALIFORNIA PROPOSITION 65 - CARCINOGENS & REPRODUCTIVE TOXICITY (CRT): LISTED SUBSTANCE: SILICA, QUARTZ (CAS 14808-60-7)

INTERNATIONAL INVENTORIES

COUNTRY(S) OR REGION (YES/NO)*	INVENTORY NAME	ON INVENTORY
UNITED STATES & PUERTO RICO	TOXIC SUBSTANCES CONTROL ACT (TSCA) INVENTORY	YES

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s). A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

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SECTION XVI: OTHER INFORMATION

ABBREVIATIONS & ACRONYMS:

ACA - AMERICAN COATINGS ASSOCIATION

ACGIH - AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS

ATE - ACUTE TOXICITY ESTIMATE

BCF - BIOCONCENTRATION FACTOR

CAS - CHEMICAL ABSTRACTS SERVICE (DIVISION OF THE AMERICAN CHEMICAL SOCIETY)

CLP - REGULATION (EC) NO 1272/2008 ON CLASSIFICATION, LABELING AND PACKAGING OF SUBSTANCES AND MIXTURES

DOT - US DEPARTMENT OF TRANSPORTATION

EC - EUROPEAN COMMUNITY

EEC - EUROPEAN ECONOMIC COMMUNITY

EINECS- EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES

EN - EUROPEAN STANDARD

EPA - ENVIRONMENTAL PROTECTION AGENCY (USA)

EU - EUROPEAN UNION

GHS - GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELING OF CHEMICALS

HMIS - HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (USA)

HSDB - HAZARDOUS SUBSTANCES DATA BANK

IARC - INTERNATIONAL ASSOCIATION OF RADIO CARDIOLOGISTS

IATA - INTERNATIONAL AIR TRANSPORT ASSOCIATION

IBC - INTERMEDIATE BULK CONTAINER

ICAO - INTERNATIONAL CIVIL AVIATION ORGANIZATION

IMDG - INTERNATIONAL MARITIME CODE FOR DANGEROUS GOODS

LC - LETHAL CONCENTRATION ; LD - LETHAL DOSE

LOLI - LIST OF LISTS

NA - NOT APPLICABLE

ND - NO DATA OR INFORMATION AVAILABLE

NE - NOT ESTABLISHED

NFPA - NATIONAL FIRE PROTECTION ASSOCIATION (USA)

NTP - NATIONAL TOXICOLOGY PROGRAM (USA)

ECO CorFlex

Molecular Industrial Polymers

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: DURACUIRE CONCRETE AGGREGATE

HMIS RATINGS: H F R

PRODUCT DESCRIPTION: CEMENTITIOUS AGGREGATE

3 0 0

SECTION XVI: OTHER INFORMATION (CONT'D)

OECD - ORGANIZATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT

OEL - OCCUPATIONAL EXPOSURE LIMITS

OSHA - OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION (USA)

RID - REGULATIONS CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY RAIL

RTECS - REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES

RTK - RIGHT-TO-KNOW LAWS

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