

MATERIAL SAFETY DATA SHEET

SECTION I CHEMICAL PRODUCT & COMPANY IDENTIFICATION		INFORMATION & EMERGENCY PH:1-303-316-4820
TRADE NAME:	DECO 20 SEAL WATERPROOFING MEMBRANE	
CHEMICAL NAME:	CARBOXYLATED POLYMER BLENDS	
MANUFACTURER'S NAME:	DEAN ENTERPRISES, INC.	
ADDRESS:	7900 E. 40 TH AVE.	
STATE:	DENVER, COLORADO 80207	

SECTION II - INGREDIENT INFORMATION

Component / Exposure Limits	CAS #	WEIGHT %
TITANIUM DIOXIDE OSHA PEL: (TWA) 15 MG/M3, ACGIH TVL: (TWA) 10 MG/M3	13463-67-7	10 - <20
CALCIUM CARBONATE APPLICABLE FOR SANDING AND GRINDING ACGIH TLV: AS DUST, 10 (<1% SILICA) OSHA PEL: TOTAL DUST 15; RESIRABLE DUST, 5	1317-65-3	5 - <10
PROPYLENE GLYCOL No exposure limits established	57-55-6	1 - <5
VINYL ACETATE / ETHYLENE COPOLYMER BLENDS		40 ->10
CARBON BLACK (Carcinogen as dust) (Carcinogen as respirable dust if sanded or ground) - ACGIN TLV: 3.5 MG/M3 TWA - OSHA PEL: 3.5 MG/M3 TWA	1333-86-4	.1-<5

SECTION III- HAZARDS IDENTIFICATION

NOT CONSIDERED HAZARDOUS UNDER NORMAL CONDITIONS, MAY CAUSE EYE AND SKIN IRRITATION
EYES: Direct contact may cause irritation
SKIN: Prolonged contact may cause irritation
INHALATION: Vapor can cause headache, nausea, and irritation of the nose, throat and lungs.
INGESTION: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea
CHRONIC (CANCER) HAZARD INFORMATION: Noncarcinogenic
TERATOLOGY AND REPRODUCTION INFORMATION: No information

SECTION IV - FIRST AID

EYES: Flush with water, for 15 minutes, rest eyes 30 minutes. If redness, swelling or burning persist, consult physician.
SKIN: Wash affected area with soap and water
INGESTION: Give 2 glasses of water and consult physician
INHALATION: Remove to fresh air
NOTE TO PHYSICIANS: No information

SECTION V - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE: 200F - 270F	SPECIFIC GRAVITY (Water = 1): 1.3+ - .5
VAPOR DENSITY (Air = 1): Heavier than air	MELTING POINT : Not determined
SOLUBILITY IN WATER: Soluble	ODOR: characteristic of latex waterborne systems
APPEARANCE: Smooth, opaque, GRAY viscous liquid	VAPOR PRESSURE: = Not determined

SECTION VI - FIRE FIGHTING MEASURES

FLASH POINT: N/A (waterborne product) Method: n/a	UNUSUAL CONDITIONS: Closed containers may expand or burst (due to build-up of pressure) when exposed to extreme heat.
FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: N/A UPPER: N/A	
AUTOIGNITION TEMPERATURE: Not determined	HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, and carbon dioxide
EXTINGUISHING MEDIA: Foam, Alcohol Foam, CO2, Dry chemical, water fog	FIREFIGHTING INSTRUCTIONS: Wear self contained breathing apparatus with a full face piece operated in the positive Pressure demand mode.

SECTION VII- ACCIDENTAL RELEASE MEASURE

SMALL SPILL: Confine to a small area, use absorbent to clean up. Place in container for disposal
LARGE SPILL: Dike and pick up and reclaim into recovery or salvage drum for proper disposal

SECTION VIII- HANDLING AND STORAGE

HANDLING: Acute, see above. Chronic, none known.

STORAGE: Keep material from freezing as product can coagulate. Do not expose to extreme heat.

SECTION IX- EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Standard industrial ventilation is recommended.

RESPIRATORY PROTECTION: If applied by in confined areas, use an appropriate paper filtered mask

SKIN PROTECTION: Optional rubber or cotton gloves

EYE PROTECTION: Safety goggles or glasses to guard against splashes

SECTION X- STABILITY AND PHYSICAL HAZARDS

CHEMICAL STABILITY: (conditions to avoid) stable

INCOMPATIBILITY: None known

HAZARDOUS DECOMPOSITION PRODUCTS: Burning, including when heated by welding or cutting, will produce smoke,

HAZARDOUS POLYMERIZATION: Not expected to occur

SECTION XI- TOXICOLOGICAL INFORMATION

EYE: Inconsequential irritation; rabbit

SKIN: LD 50 > 2000 mg / kg; rabbit

INGESTION: LD 50 > 2000 mg / kg; rat

INHALATION: None toxic

SUBCHRONIC: No information

CHRONIC/ CARCINOGENICITY: None carcinogenic

TERATOLOGY: No information

REPRODUCTION: No information

MUTAGENICITY: No information

SECTION XII - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Micro-organisms IC 50> 2000 MG/L aquatic invertebrates

EC50 >1000 MG/L, fish LC 50>1000 MG/L

CHEMICAL FATE INFORMATION: Not toxic to plants or fish. Not biodegradable, not RCRA hazardous. Dispose of in accordance with Local, State and Federal regulations.

SECTION XIII - DISPOSAL CONSIDERATION

Dispose of in accordance with local, state and federal regulations. Contact chemical waste disposal company for further information.

SECTION XIV - TRANSPORT INFORMATION

Not meant to be all inclusive. Not regulated.

SECTION XV- REGULATORY INFORMATION

Not meant to be all inclusive. Selected regulation.

U. S. FEDERAL REGULATIONS: This product and / or all of its components are either included on or exempt from TSCA inventory of chemical substances.

O.S.H.A.: None hazardous

CERCLA: SARA hazard category: Noncarcinogenic hazard Section 313: No de minimus concentration

INTERNATIONAL REGULATIONS: No information

EINECS: No information

VOLATILE ORGANIC COMPOUNDS: Contains <190 GM/L VOC

SECTION XVI- MSDS INFORMATION

MSDS Status Active: We believe that the information contained in this MSDS sheet is accurate. However, because this material can be used under conditions over which we have no control, we give no warranty, expressed or implied as to the accuracy of the information and assume no responsibility for damage to person, property, or business arising from its use. 12/05