

SECTION 1. PRODUCT IDENTIFICATION

PRODUCT NAME:

NautiqueSeal™

MSDS NUMBER

MVS102802

SeaCoat TECHNOLOGY, LLC
 13426 Oak Hollow Dr.
 Cypress, Texas 77429

CHEMICAL FAMILY: WATERBORNE SILOXANE – URETHANE DISPERSION

FORMULA: PROPRIETARY FORMULA

THIS PRODUCT IS AN AQUEOUS BASED SINGLE COMPONENT AMBIENT CURE POLYSILOXANE COMPOUND. REFER TO PRODUCT BULLETIN FOR SPECIFIC APPLICATION DATA.

SECTION 2. INGREDIENTS/ COMPOSITION

NON HAZARDOUS

	ACGIH TLV		OSHA PEL		UNITS	APPROX. WGHT. % MIXTURE
	TWA	STEL	TWA	STEL		
CAS NUMBER(S) CONTAINS ONE OR MORE OF THE FOLLOWING SILANES/SILOXANES:						
AMINOETHYLAMINOPROPYLPOLYSILOXANES	NE	NA	NE	NA	NA	
DIMETHYL, HEXYSILOXANES	NA	NE	NA	NE	NA	
OCTYLPHENOXYPOLYETHOXYETHANOL	NE	NE	NE	NE	NE	
SILANOL/ST SILOXANE W/ ME SLSQXNS	NF	NE	NF	NE	NA	
DIMETHYLPOLYSILOXANES	NA	NE	NA	NE	NA	
NON HAZARDOUS POLYMER	NE	NA	NE	NA	NA	<76
CROSSLINKING AGENT 29812-79-1	NE	NE	NE	NE	NA	< 1
WATER 7732 18 - 5	NA	NE	NA	NE	NA	< 15

HAZARDOUS COMPONENTS

TRIS 2,4,6 (DIMETHYLAMINOETHYL) PHENOL CAS 90-72-2	NE	NE	NE	NE	NA	< 1
BIS DIMETHYLAMINO PHENOL 71074-89-0	NE	NE	NE	NE	PPM	< .05

SECTION 3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

INGESTION: THIS PRODUCT IS MODERATELY TOXIC AND MAY BE HARMFUL IF SWALLOWED. DAMAGE TO RED BLOOD CELLS MAY RESULT.

SKIN CONTACT:

MAY CAUSE MILD SKIN IRRITATION. SKIN CHAPPING AND DEFATTING PROGRESSING TO DERMATITIS WILL OCCUR AFTER EXTREME REPEATED CONTACT IF HANDS ARE NOT WASHED. THIS PRODUCT IS PRESUMED TO BE TOXIC AND IS HARMFUL IF ABSORBED THROUGH THE SKIN.

INHALATION: NOT EXPECTED AS A PRIMARY ROUTE OF EXPOSURE. WHEN EXPOSURE TO MISTS AND VAPORS ARE POSSIBLE MAY CAUSE IRRITATION OF THE UPPER RESPIRATORY TRACT POSSIBLE FOLLOWED BY DIZZINESS, HEADACHE. EXTREME EXPOSURE MAY BE TOXIC AND LEAD TO CENTRAL NERVOUS SYSTEM DEPRESSION, BLOOD ABNORMALITIES, KIDNEY AND LIVER DAMAGE, COMA AND DEATH.

EYE CONTACT:
MAY CAUSE A MILD BURNING SENSATION/ IRRITATION, SWELLING.

MEDICAL CONDITIONS AGGRAVATED: AS STATED ABOVE.

CHRONIC EFFECTS / CARCINOGENICITY:
THIS PRODUCT OR ONE OF ITS INGREDIENTS PRESENT 0.1% OR MORE IS NOT LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN BY OSHA, IARC, NTP OR ACGIH.

MEDICAL LIMITATIONS:
RESTRICT CONTACT BY PERSONS WITH ACNE, SKIN SENSITIVITY OR SKIN DISEASES FOR EXPOSURE COULD AGGRAVATE THESE CONDITIONS.

EFFECTS OF OVEREXPOSURE:
ACUTE: CENTRAL NERVOUS SYSTEM DEPRESSION WITH EXTREME EXPOSURE; EFFECTS MAY INCLUDE ANESTHESIA, COMA, RESPIRATORY ARREST. OXYGEN DEPRIVATION IS POSSIBLE IF WORKING IN A CONFINED NON VENTILATED AREA.

CHRONIC: NO KNOWN MAJOR CUMULATIVE OR LATENT EFFECTS HAVE BEEN REPORTED.

SECTION 4. FIRST AID MEASURES

INGESTION:
IF VOMITING OCCURS KEEP AIRWAY CLEAR. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. IF INDIVIDUAL IS CONSCIOUS INDUCE VOMITING BY GIVING SYRUP OF IPECAC OR GENTLY PLACING TWO FINGERS AT THE BACK OF THE THROAT. DO NOT LEAVE INDIVIDUAL UNATTENDED. SEEK MEDICAL ATTENTION IMMEDIATELY.

SKIN CONTACT:
WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHES AND FOOTWEAR. SEEK MEDICAL ATTENTION IF SYMPTOMS ARISE.

INHALATION:
REMOVE TO FRESH AIR, RESTORE BREATHING IF NEEDED; ADMINISTER OXYGEN; SEEK MEDICAL HELP IF REQUIRED.

EYE CONTACT:
FLUSH EYES THOROUGHLY WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION.

NOTES TO PHYSICIAN:
IF AMOUNTS EXCEEDING 2.0 ML PER KG HAVE BEEN INGESTED AND NO VOMITING HAS OCCURRED, EMESIS SHOULD BE INDUCED WITH SUPERVISION. IF INDIVIDUAL EXHIBITS THE FOLLOWING SYMPTOMS; LOSS OF GAG REFLEX , CONVULSIONS OR UNCONSCIOUSNESS ,A GASTRIC LAVAL SHOULD BE CONSIDERED.

SECTION 5. FIRE FIGHTING MEASURES

FLASH POINT:	(AQUEOUS SOLUTION)	> 93.5 °C (MIN)	> 200 °F (MIN)
METHOD:	TCC		
AUTOIGNITION TEMP:		> UNK °C	> UNK °F
FLAMMABLE LIMITS IN AIR:			
% BY VOLUME UPPER		N/A	
% BY VOLUME LOWER		N/A	

SENSITIVITY TO MECHANICAL IMPACT: NO
SENSITIVITY TO STATIC DISCHARGE: NONE EXPECTED; MATERIAL HAS A FLASH POINT ABOVE 200 °F.

EXTINGUISHING MEDIA:
FOAM, DRY CHEMICAL, CARBON DIOXIDE. WATER MAY BE INEFFECTIVE UNLESS USED UNDER FAVORABLE CONDITIONS BY TRAINED FIREFIGHTERS.

SECTION 5. FIRE FIGHTING MEASURES

SPECIAL FIREFIGHTING PROCEDURES:

MINIMIZE BREATHING OF GASES, VAPOR FUMES OR DECOMPOSITION PRODUCTS. USE A POSITIVE PRESSURE (SCBA) IN ENCLOSED OR CONFINED AREAS. WATER CAN BE USED TO COOL AND PROTECT MATERIALS AND MEN, DISPERSE VAPORS, FLUSH SPILLS AWAY FROM EXPOSURES. WEAR NEOPRENE GLOVES WHEN HANDLING REFUSE FROM FIRE.

SECTION 6. ACCIDENTAL RELEASE MEASURES

REMOVE SOURCES OF IGNITION. MATERIAL DOES NOT READILY IGNITE. CONFINE AREA TO CLEANUP PERSONNEL. VENTILATE AREA AND WEAR PROTECTIVE GEAR AS REQUIRED. DIKE AND CONTAIN. ABSORB SPILL WITH AN INERT MATERIAL SUCH AS CLAY OR SAND AND PLACE IN AN APPROVE CONTAINER FOR DISPOSAL. DISPOSE OF EXPENDED MATERIAL AND ABSORBENTS IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION 7. HANDLING AND STORAGE

- USE A PROPER GROUND STRAP ON HANDLING AND PUMPING EQUIPMENT.
- PREFERABLY UTILIZE EXPLOSION PROOF ELECTRICAL EQUIPMENT.
- RECOMMENDED STORAGE SHOULD BE ABOVE 0 °C (32 °F) AND BELOW 38 °C (100 °F.)
- KEEP ORIGINAL OR STORAGE CONTAINERS CLOSED WHEN NOT IN USE.
- AVOID BREATHING VAPORS.
- AVOID CONTACT WITH SKIN AND EYES.
- USE ONLY IN WELL VENTILATED AREAS.

SECTION 8. PERSONAL PROTECTION / EXPOSURE LIMITS

RESPIRATORY PROTECTION: USE IN WELL VENTILATED AREA. USE APPROVED NIOSH RESPIRATORY EQUIPMENT IF TLV IS EXCEEDED.

PROTECTIVE GLOVES: CHEMICAL RESISTANT

EYE AND FACE PROTECTION: CHEMICAL GOGGLES

ENGINEERING: EXHAUST VENTILATION, SHOWERS, EYE WASH STATIONS

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

INITIAL BOILING POINT:	100 °C	212 °F
VAPOR PRESSURE (20 °C)	< 20 mmHg	
VAPOR DENSITY: (AIR=1)	> 1	
MELTING POINT:	UNKNOWN	
FREEZING POINT:	0 °C	32 °F
APPEARANCE:	WHITE HAZY LIQUID	
ODOR:	MILD AMINE / LEMON ODOR	
EVAPORATION RATE (BuAc =1)	< 1	
VOLATILE ORGANIC COMPOUNDS:	40 g/L (.334 LBS. PER GALLON)	
SPECIFIC GRAVITY (WATER = 1)	1.0 -1.03	
SOLUBILITY IN H2O AT 20°C:	COMPLETE	

SECTION 10. STABILITY AND REACTIVITY

STABILITY: STABLE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
HAZARDOUS THERMAL DECOMPOSITION/ COMBUSTION PRODUCTS:
FUMES/ SMOKE/ CARBON MONOXIDE/ ALDEHYDES/SILICON DIOXIDE/ FORMALDEHYDE , HYDROGEN FLUORIDE VAPORS.
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDANTS, MINERAL ACIDS, MINERAL OR ORGANIC BASES, PRIMARY OR SECONDARY ALIPHATIC AMINES.
CONDITIONS TO AVOID: KEEP AWAY FROM HEAT, SPARKS, AND FLAMES. AVOID ANY SOURCE OF IGNITION.

SECTION 11. TRANSPORT INFORMATION

PER 49 CFR 172 &173
DOT SHIPPING NAME: AQUEOUS POLYSILOXANE - URETHANE
NOT REGULATED
DOT HAZARD CLASS: N/A
PLACARDS: N/A
DOT I.D. NUMBER: N/A
REPORTABLE QUANTITY N/A

SECTION 12. REGULATORY INFORMATION

TSCA: THIS MATERIAL OR ITS COMPONENTS ARE LISTED ON THE TSCA INVENTORY LIST AND COMPLY WITH APPLICABLE RULES AS OF THIS WRITING.

SARA 302 : NONE FOUND

SARA 311 & 312: ACUTE (H - 1) AND CHRONIC (H - 2)

SARA 313: THIS MATERIAL DOES NOT CONTAIN AN INGREDIENT ON THE LIST OF TOXIC CHEMICALS SUBJECT TO SECTION 313 OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA TITLE III), AS PER SECTION 372.38 (a).

CALIFORNIA PROPOSITION 65: NONE

NEW JERSEY RTK LABEL INFORMATION: NONE;

PENNSYLVANIA RTK LABEL INFORMATION: NONE;

HAZARD RATING SYSTEM:
NFPA No. 704, 1985 EDITION 1 HEALTH 0 FLAMMABILITY 0 REACTIVITY

HMIS 1 HEALTH 0 FLAMMABILITY 0 REACTIVITY

SECTION 13. ADDITIONAL INFORMATION

THIS MATERIAL SAFETY DATA SHEET HAS BEEN PREPARED IN ACCORDANCE WITH CFR 1910. 1200. ALL INFORMATION, RECOMMENDATIONS AND SUGGESTIONS APPEARING HEREIN CONCERNING OUR PRODUCT(S) ARE BASED UPON TESTS AND DATA BELIEVED TO BE RELIABLE, HOWEVER, IT IS THE USER'S SOLE RESPONSIBILITY TO DETERMINE THE SAFETY, TOXICITY AND SUITABILITY FOR HIS OWN USE OF THE PRODUCTS DESCRIBED HEREIN. SINCE THE ACTUAL USE OF THESE PRODUCTS IS BY OTHERS AND BEYOND OUR CONTROL, NO GUARANTEE EXPRESSED OR IMPLIED IS MADE BY SeaCoat TECHNOLOGY, LLC AS TO THE EFFECTS OF SUCH USE, INCLUDING THE RESULTS TO BE OBTAINED OR THE SAFETY AND TOXICITY OF THE PRODUCTS NOR DOES SeaCoat TECHNOLOGY, LLC ASSUME ANY LIABILITY ARISING OUT OF THE USE BY OTHERS OF THE PRODUCTS REFERRED TO HEREIN. NOR IS THE INFORMATION HEREIN TO BE CONSTRUED AS ABSOLUTELY COMPLETE SINCE ADDITIONAL INFORMATION MAY BE NECESSARY OR DESIRABLE WHEN PARTICULAR OR EXCEPTIONAL CONDITIONS OR CIRCUMSTANCES EXIST OR BECAUSE OF APPLICABLE LAWS OR GOVERNMENT REGULATION.

NA = NOT APPLICABLE
NE = NOT ESTABLISHED
NF = NONE FOUND