

SECTION 1. PRODUCT IDENTIFICATION

PRODUCT NAME:
HULL-GUARD™ SL (ALL COLORS)

MSDS NUMBER
NCMP012001

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

CHEMICAL FAMILY: EPOXY

FORMULA: PROPRIETARY FORMULA

SECTION 2. INGREDIENTS/ COMPOSITION

	ACGIH TLV		OSHA PEL		SKIN
	TWA	STEL	TWA	CEILING	
MODIFIED ALIPHATIC AMINE: 68609-8-5	NE	NE	NE	NE	NO
TITANIUM DIOXIDE 13463-67-7	10mg/m3	NE	15mg/m3	NE	NO
CRYSTALLINE SILICA 14808-60-7	0.1mg/m3	NO DATA	10mg/m3	NO DATA	NO
ALUMINUM SILICATE 68476-25-5	3 mg/m3	NE	3 mg/m3	NE	NO
AROMATIC HYDROCARBON 64742-95-6	NE	NE	NE	NE	NO
ALPHA HYDROXY-TOLUENE 100-51-6	NE	NE	NE	NE	NO
O M P, XYLENE 1330-20-7	100 ppm	150ppm	100 ppm	NO DATA	YES
2 PENTANONE, 4-METHYL; HEXANONE 108-10-1	50 ppm	75 ppm	50 ppm	NO DATA	YES

SECTION 3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA VOMITING AND DIARRHIA. SUSPECTED AS A POTENTIAL CARCINOGEN FOR MAN. CRYSTALLINE SILICA WHICH MAY BE PRESENT IN QUANTITIES GREATER THAN 0.1% HAVE BEEN REVIEWED BY IARC. IARC HAS FOUND EVIDENCE OF CARCINOGENICITY FOR CRYSTALLINE SILICA.

SKIN CONTACT: PROLONGED OR REPEATED CONTACT MAY CAUSE MILD SKIN IRRITATION. SKIN CHAPPING AND DEFATTING PROGRESSING TO DERMATITIS WILL OCCUR AFTER EXTREME REPEATED CONTACT IF HANDS ARE NOT WASHED

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, FATIGUE, NAUSEA AND POSSIBLE UNCONSCIOUSNESS

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

MEDICAL CONDITIONS AGGRAVATED: AS STATED ABOVE.

MEDICAL LIMITATIONS:

RESTRICT CONTACT BY PERSONS WITH ACNE, SKIN SENSITIVITY, SKIN DISEASES AND PRE-EXISTING LUNG CONDITIONS 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 LAVAGE SHOULD BE CONSIDERED.

SECTION 5. FIRE FIGHTING MEASURES

FLASH POINT:	> 16 °C (MIN)	> 60 °F (MIN)
METHOD: SETAFLASH CLOSED CUP		
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:	YES	

EXTINGUISHING MEDIA:

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

SPECIAL FIREFIGHTING PROCEDURES:

VAPORS ARE HEAVIER THAN AIR AND CAN TRAVEL TO A SOURCE OF IGNITION AND FLASH BACK. STATIC DISCHARGE CAN ACCUMULATE WHICH MAY CAUSE AN INCIDENTAL ELECTRICAL DISCHARGE.

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. 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 SOLVENT RESISTANT GLOVES AND CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS.
- 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

BOILING RANGE:	113 - 205 °C	237 - 401 °F
VAPOR DENSITY	HEAVIER THA AIR	
MELTING POINT:	UNKNOWN	
FREEZING POINT:	UNKNOWN	
APPEARANCE:	LIGHT GRAY OR RED	
ODOR:	SOLVENT	
EVAPORATION RATE (BuAc =1)	> 1	
VOLATILES BY WT.	21.7%	
VOLATILES BY VOL.	41.3%	
SPECIFIC GRAVITY (WATER = 1)	1.38	
SOLUBILITY IN H2O AT 20°C:	INSOLUABLE	

SECTION 10. STABILITY AND REACTIVITY

STABILITY: STABLE UNDER NORMAL STORAGE CONDITIONS
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR UNDER NORMAL CONDITIONS

HAZARDOUS THERMAL DECOMPOSITION/ COMBUSTION PRODUCTS: FUMES/ SMOKE/ CARBON MONOXIDE AND HYDROCARBONS.
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDANTS.
CONDITIONS TO AVOID: KEEP AWAY FROM HEAT, SPARKS, AND FLAMES. AVOID ANY SOURCE OF IGNITION.

