

MATERIAL SAFETY DATA SHEET

BREAK

DATE: 12/31/03
SUPERSEDES: 12/28/00

HAZARD RATINGS (0-4)
FIRE 0 REACTIVITY 0
TOXICITY 1 SPECIAL

SUPPLIER: MIDLAND PRODUCTS
 18600 GRAPHICS COURT TINLEY PARK, IL 60477
 (708) 444-8200

TRADE NAME: BREAK
PRODUCT TYPE: LIQUID DEFOAMER
CHEMICAL FORMULA: MIXTURE
CHEMICAL NAME: DIMETHYL SILICONE EMULSION

COMPONENT LIST - SECTION I

<u>COMPONENT</u>	<u>CAS</u>		<u>TLV</u>	<u>TLV</u>
	<u>REG#</u>	<u>%</u>	<u>OSHA</u>	<u>ACGIH</u>
POLYDIMETHYL SILOXANE	63148-62-0	4 - 8	N/A	N/A
PRECIPITATED SILICA	7631-86-9	< 1	N/A	N/A

This product contains no ingredients that are listed in the SARA III, Section 313 Inventory.

PHYSICAL PROPERTIES - SECTION II

APPEARANCE: MILKY WHITE LIQUID WITH MILD ODOR
pH: 4 - 5
VISCOSITY: 10 CPS
FREEZING POINT: 32° F, WATER
BOILING POINT: 212° F, WATER
VAPOR PRESSURE: < 20.0
VAPOR DENSITY: > 1, WATER
SOLUBILITY IN WATER: DISPERSIBLE
VOLATILE (% WT): 95
SPECIFIC GRAVITY: 1.00
EVAPORATION RATE: <1

FIRE AND EXPLOSION HAZARD - SECTION III

FLASH POINT: > 575° F
LOWER EXPLOSION LIMIT: N/D UPPER EXPLOSION LIMIT: N/D
AUTO IGNITION TEMP: N/D
EXTINGUISHING MEDIUM: FOAM, ALCOHOL FOAM, CO₂, DRY CHEMICAL, WATER SPRAY
SPECIAL FIRE FIGHTING PROCEDURES:
 COOL AND USE CAUTION WHEN APPROACHING FIRE-EXPOSED CONTAINERS.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
 CONTAINERS MAY BURST IN HEAT OF FIRE. AFTER WATER EVAPORATES, RESIDUE CAN BURN.

HEALTH HAZARDS - SECTION IV

THRESHOLD LIMIT VALUES: NONE ESTABLISHED
PRIMARY ROUTES OF EXPOSURE: EYE, SKIN
CARCINOGENS OR SUSPECTED CARCINOGENIC INGREDIENTS: NONE
EFFECTS OF OVEREXPOSURE:
 IF IN EYES: CONTACT WITH EYES MAY CAUSE SLIGHT TRANSITORY EYE IRRITATION.
 IF ON SKIN: NONE CURRENTLY KNOWN.
 IF INHALED: NONE CURRENTLY KNOWN.
 IF SWALLOWED: NONE CURRENTLY KNOWN, MAY CAUSE SOME NAUSEA.

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EMERGENCY AND FIRST AID PROCEDURES:

- IF IN EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.
- IF ON SKIN: REMOVE AND LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH SKIN WITH SOAP AND WATER.
- IF INHALED: REMOVE TO FRESH AIR. NO EMERGENCY CARE ANTICIPATED.
- IF SWALLOWED: IF VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION. CALL A PHYSICIAN. NO HARMFUL EFFECTS EXPECTED.

REACTIVITY - SECTION V

STABILITY: STABLE

CONDITIONS TO AVOID: NONE KNOWN

HAZARDOUS DECOMPOSITION PRODUCTS: BURNING CAN PRODUCE CARBON DIOXIDE AND/OR CARBON MONOXIDE AND OXIDES OF SILICON.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

INCOMPATIBILITY (MATERIALS TO AVOID): MINERAL ACIDS AND STRONG BASES.

SPILLS OR LEAK PROCEDURE - SECTION VI

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

- FOR SMALL SPILLS THAT CAN BE HANDLED ROUTINELY, WIPE UP WITH CLOTH OR PAPER TOWEL.
- FOR LARGE SPILLS, ABSORB WITH A SUITABLE ABSORBENT, i.e. CLAY OR VERMICULITE, SWEEP UP AND PLACE BULK MATERIAL IN CONTAINER FOR DISPOSAL ACCORDING TO FEDERAL, STATE AND LOCAL ORDINANCES.

WASTE DISPOSAL METHODS:

THIS MATERIAL WHEN DISCARDED IS NOT A HAZARDOUS WASTE PER 40 CFR PART 261. DISPOSAL SHOULD BE IN AN APPROVED WASTE DISPOSAL FACILITY IN ACCORDANCE WITH STATE AND LOCAL ORDINANCES.

SPECIAL PROTECTION - SECTION VII

VENTILATION TYPE: NORMAL MECHANICAL (GENERAL)

RESPIRATORY PROTECTION: NOT REQUIRED UNDER NORMAL USE CONDITIONS.

PROTECTIVE GLOVES: PLASTIC

EYE PROTECTION: APPROVED SAFETY GLASSES IF SPLASHING LIKELY.

STORAGE AND HANDLING - SECTION VIII

DO NOT FREEZE. MINIMIZE SKIN CONTACT. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

SHIPPING - SECTION IX

PROPER SHIPPING NAME: COMPOUNDS, CLEANING LIQUID, NOI

MISCELLANEOUS - SECTION X

ABBREVIATIONS:	N/A: NOT APPLICABLE	UNK: UNKNOWN
	N/D: NOT DETERMINED	< : LESS THAN
	N/E: NOT ESTABLISHED	> : GREATER THAN

PREPARED BY: JOHN ROTH