

**MATERIAL SAFETY DATA SHEET**  
 (Approved by U.S. Department of Labor as  
 "Essentially Similar" to Form OSHA-20)

MSDS OR 0920

Date 9/12/01

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**I. PRODUCT IDENTIFICATION**

CHEMICAL NAME AND SYNONYMS NA	REGULAR TELEPHONE NO. (602) 254-4501 EMERGENCY TELEPHONE (480) 961-8658
CHEMICAL FAMILY Resinous Polymer Emulsion	CAS NO.
FORMULA NA	MOLECULAR WEIGHT
TRADE NAME AND SYNONYMS	ESS-13/SOIL SEALER

**II. HAZARDOUS INGREDIENTS**

MATERIAL	0%	TVL-TWA VALUES ADOPTED BY ACGIH
None Established		None Established

**III. PHYSICAL DATA**

BOILING POINT, 760 mm Hg	ABOVE Not Established	FREEZING POINT 32°F (0°C)	CONGEALS BEL 32° F
VAPOR PRESSURE @ 20°C:	Less than 1 mm Hg	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	.987
VAPOR DENSITY (AIR = 1)	Not Established	PERCENT VOLATILE BY VOLUME (%)	50% (Water)
SOLUBILITY IN WATER % BY WEIGHT @	96.9	EVAPORATION RATE (BUTYL ACETATE=1)	Not Established
APPEARANCE AND ODOR Off White Color, Slight Organic Odor		pH 8±2	

**IV. FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (TEST METHOD) Above 149°C (300°F)	AUTO IGNITION TEMPERATURE Not Established	
FLAMMABLE LIMITS IN AIR PERCENT BY VOLUME	LOWER Not Established	UPPER Not Established

**EXTINGUISHING MEDIA:**

Water fog, dry chemical, foam, carbon dioxide.

**SPECIAL FIRE-FIGHTING PROCEDURES**

NA

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

NA

NOTES: NA = NOT APPLICABLE

**V. HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE: Not Established

EFFECTS OF OVEREXPOSURE:

Prolonged or repeated contact may cause mild skin irritation or sensitization.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

SKIN: Wash with soap and running water.

INTERNAL: Consult a physician.

**VI. REACTIVITY DATA**

STABILITY	CONDITIONS TO AVOID
UNSTABLE	
STABLE	

X

INCOMPATIBILITY (MATERIALS TO AVOID):

None known

HAZARDOUS DECOMPOSITION PRODUCTS: Burning liberates CO, CO<sub>2</sub>, and undetermined pyrolytic (smoke) decomposition products.

HAZARDOUS	MAY OCCUR	CONDITIONS TO AVOID
POLYMERIZATION	WILL NOT OCCUR	

X

None known

**VII. SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Salvage in metal containers. Soak up small spills with earth or sand. Wash area with detergent and water.

WASTE DISPOSAL METHOD:

Incineration or landfill. Dispose of in accordance with local, state, and federal regulations

**VII. SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION (SPECIFY TYPE)	NA		
VENTILATION MECHANICAL	LOCAL EXHAUST		SPECIAL
	OTHER (GENERAL)	X	

PROTECTIVE GLOVES: Oil Resistant      EYE PROTECTION: Safety Glasses

OTHER PROTECTIVE EQUIPMENT: NA

**IX. SPECIAL PRECAUTIONS**

PRECAUTIONARY LABELING:

Avoid prolonged or repeated contact. If splashed in eyes, flush with running water. Wash thoroughly after handling.

OTHER HANDLING AND STORAGE CONDITIONS:

None