

**ETOWAH CHEMICAL**  
**SALES & SERVICE**  
P.O. BOX 4416  
GADSDEN, AL 35904-0416  
(800) 848-8541



**N. F. P. A.**  
4 = Extreme  
3 = High  
2 = Moderate  
1 = Slight  
0 = Insignificant

<b>HEALTH</b>	<b>0</b>
<b>FIRE</b>	<b>0</b>
<b>REACTIVITY</b>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<b>A</b>

## Material Safety Data Sheet

24 Hour Emergency Telephone Number: (800) 535-5053

### SECTION I - IDENTIFICATION

<b>Product Name</b>	<b>PERMA-SHIELD</b>	<b>Date last Revised</b>	AUG 2009
<b>Chemical Family</b>	EMULSION MIXTURE	<b>Item Number</b>	<b>ETC-1373</b>
<b>Proper D.O.T. Shipping Name</b>	COMPOUND, CLEANING LIQUID, <b>BIODEGRADABLE</b>		
<b>D.O.T. Hazard Classification</b>	NOT REGULATED		

### SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

% By Weight	Material	PEL	T. L. V.	C. A. S. No.
	***** NONE *****			
Balance non-hazardous ingredients				

### SECTION III - PHYSICAL DATA

<b>Boiling Point</b>	212 DEG F	<b>pH (Conc.)</b>	NA
<b>Solubility In Water</b>	COMPLETELY	<b>pH (Use Dilution)</b>	NA
<b>% Volatility By Weight</b>	NA	<b>Evaporation Rate</b>	NORMAL
<b>Specific Gravity</b>	1.01	<b>Physical Form</b>	LIQUID
<b>Appearance And Odor</b>	WHITE EMULSION		

### SECTION IV - FIRE AND EXPLOSION DATA INGREDIENTS/IDENTITY

<b>Flash Point</b>	NONE
<b>Extinguishing Media</b>	NA
<b>Flammable Limits</b>	NA
<b>Special Fire Fighting Procedures</b>	NOT APPLICABLE
<b>Unusual Fire and Explosion Hazards</b>	NONE

### SECTION V - REACTIVITY DATA

<b>Stability</b>	STABLE
<b>Conditions to Avoid</b>	NONE KNOWN
<b>Incompatibility</b>	NONE KNOWN
<b>Hazardous Decomposition Products</b>	NONE
<b>Hazardous Polymerization</b>	WILL NOT OCCUR

<b>SECTION VI - HEALTH HAZARD</b>	
<b>Routes(s) of Entry</b>	<b>Inhalation? LOW   Skin? LOW   Ingestion? LOW</b>
<b>Health Hazards (Acute and Chronic)</b>	<b>EYES: CAN CAUSE IRRITATION, REDNESS . SKIN: NO REACTION. INGESTION : GIVE WATER TO DRINK. INHALATION: GET PLENTY OF FRESH AIR</b>
<b>Carcinogenicity</b>	<b>NTP? NO   IARC Monographs? NO   OSHA Regulated? NO</b>
<b>Emergency Aid and First Aid Procedures</b>	<b>EYES: FLUSH WITH WATER FOR 20 MINUTES.. SKIN: WASH WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR . INGESTION: DO NOT INDUCE VOMITING ,DILUTE WITH WATER OR MILK. CALL A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.</b>
<b>SECTION VII - SPILL OR LEAK PROCEDURES</b>	
<b>Spill Response</b>	ADSORB ON SUITABLE MATERIAL, DISPOSE TO LANDFILL
<b>Waste Disposal Method</b>	IN ACCORDANCE WITH APPLICABLE REGULATIONS FOR LIQUID WASTES. DO NOT DUMP TO SEWER, DISPOSE TO LAND FIELD ONLY.
<b>SECTION VIII - SPECIAL PROTECTION INFORMATION</b>	
<b>Eye Protection</b>	WHEN EYE CONTACT MAY OCCUR, WEAR SAFETY GLASSES CHEMICAL SPLASH GOGGLES.
<b>Skin Protection</b>	WEAR RUBBER GLOVES.
<b>Ventilation</b>	NORMAL ROOM VENTILATION.
<b>Respiratory Protection</b>	NONE REQUIRED IN NORMAL CONDITIONS.
<b>Other Protection</b>	NONE
<b>SECTION IX - SPECIAL PRECAUTIONS</b>	
<b>Precautions in Handling and Storage</b>	KEEP OUT OF REACH OF CHILDREN.
<b>Other Precautions</b>	SAFETY SHOWER, EYE BATH AND WASHING FACILITIES SHOULD BE AVAILABLE.
<b>PREPARED BY: David Brunton, Chemist</b>	
Disclaimer of Liability. As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of the material. Information contained herein is believed to be true and accurate but all statements or suggestions are made without any warranty, express or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Conforms to OSHA 174 , Sep. 1985.	