

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: STEEL SHIELD
PRODUCT CODE: 202-4G

HMIS CODES: H F R P
1 0 0 B

===== **SECTION I - MANUFACTURER IDENTIFICATION** =====

MANUFACTURER'S NAME: ENVYSS, LLC
ADDRESS: Monroe, GA 30655
EMERGENCY PHONE: 800-535-5053
INFORMATION PHONE: 770-934-4242

NAME OF PREPARER : Alan Sumner
DATE OF PREPARATION : 4/15/1998

===== **SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION** =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE MM HG @ TEMP	WEIGHT PERCENT
ACRLYIC POLYMER	N/A MIXTURE	AS WATER N/A	

*** No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. ***

===== **SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS** =====

BOILING POINT: 215° F
VAPOR DENSITY: NOT APPLICABLE
MATERIAL V.O.C.: .48 lb/gl
SOLUBILITY IN WATER: Emulsifies
APPEARANCE AND ODOR: Opaque liquid, mild ammonia odor.

SPECIFIC GRAVITY (H2O=1): 1.02
EVAPORATION RATE: Near that of water

===== **SECTION IV - FIRE AND EXPLOSION HAZARD DATA** =====

FLASH POINT: None to boiling
FLAMMABLE LIMITS IN AIR BY VOLUME-
FLAME EXTENSION: Not Applicable
EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG, OTHER
SPECIAL FIREFIGHTING PROCEDURES: Wear NIOSH approved self-contained breathing apparatus with full facepiece and protective clothing to prevent contact with skin and eyes. Use water spray to cool fire exposed containers.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

METHOD USED: TCC
LOWER: N/A **UPPER:** N/A

===== **SECTION V - REACTIVITY DATA** =====

STABILITY: Stable
CONDITIONS TO AVOID: None known.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids and strong oxidizing agents such as chlorine bleach.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Not Applicable
HAZARDOUS POLYMERIZATION: Will not occur.

===== SECTION VI - HEALTH HAZARD DATA =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: INHALATION: Vapors may cause irritation of the respiratory tract.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: EYE CONTACT: Causes eye irritation. SKIN CONTACT: Causes mild skin irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: No evidence of harmful effects from available information.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: INGESTION: Can cause gastrointestinal irritation, vomiting, nausea, and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC): See above for acute health hazards.
CHRONIC-None known.

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Those of the respiratory system and skin.

EMERGENCY AND FIRST AID PROCEDURES: INHALATION: Remove victim to fresh air immediately. If coughing, difficult breathing or any other respiratory symptoms persist, seek medical attention at once. EYE CONTACT: Immediately flush with running water for at least 15 minutes, lifting eyelids periodically to remove contamination. Get medical attention if irritation persists. SKIN CONTACT: Wash thoroughly with soap and water and see a doctor if irritation persists. INGESTION: If conscious, give one to two glasses of water or milk and induce vomiting. Get immediate medical attention.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Keep spectators away. Dike and contain spill. Wet vac up or cover with inert material (e.g. sand, earth). Transfer to covered plastic containers for recovery or disposal. Prevent contamination of sewers, streams and groundwater with spilled material or used absorbent.

WASTE DISPOSAL METHOD: Dispose in accordance with federal, state and local regulations for non-hazardous chemical wastes.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid prolonged or repeated skin contact. Do not swallow. Use with adequate ventilation.

OTHER PRECAUTIONS: Keep out of Reach of Children.

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION: Not required under normal conditions of use.

VENTILATION: General mechanical ventilation or local exhaust.

PROTECTIVE GLOVES: Wear appropriate impermeable gloves.

EYE PROTECTION: Use chemical safety glasses.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eyewash facility.

WORK/HYGIENIC PRACTICES: Wash hands after using and before smoking or eating.

===== SECTION IX - DISCLAIMER =====

The information contained herein is based on data considered to be accurate. While the information is believed to be reliable, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. It is the user's obligation to evaluate this information and determine the conditions of the safe use of the product.