

M A T E R I A L S A F E T Y D A T A S H E E T

PRODUCT NAME: STEEL ARMOR (ATLANTIC)
PRODUCT CODE: 202SA-4G

HMIS CODES: H F R P
1 0 0 B

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

MANUFACTURER'S NAME: ATLANTIC SOLUTIONS, INC
ADDRESS : 125 NORTH CHATHAM PARKWAY EXT.
 CHAPEL HILL, NC 27517
 (800) 476-0895
EMERGENCY PHONE : 800-535-5053 NAME OF PREPARER : Alan Sumner
INFORMATION PHONE : 770-934-4242 DATE OF PREPARATION : 4/15/98

===== **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 SPECIFIC GRAVITY (H2O=1): 1.02
VAPOR DENSITY: NOT APPLICABLE EVAPORATION RATE: Near that of water
MATERIAL V.O.C.: .48 lb/gl
SOLUBILITY IN WATER: Emulsifies
APPEARANCE AND ODOR: Opaque liquid, mild ammonia odor.

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

FLASH POINT: None to boiling METHOD USED: TCC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A UPPER: N/A
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

===== **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** =====

TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE AND OBTAINED FROM SOURCES BELIEVED BY ATLANTIC SOLUTIONS TO BE ACCURATE.