

**MATERIAL SAFETY DATA SHEET**

24-hour Emergency Phone: 1-800-424-9300

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PRODUCT CODE: TS-1-W1

PRODUCT NAME:	HS WHITE ABRASION RESISTANT PU	HMIS CODES:	H	C	F	R	P
PRODUCT CODE:	TS-1-W1		2	3	1	G	

**SECTION I - MANUFACTURER IDENTIFICATION**

MANUFACTURER'S NAME: Axon Products Inc

ADDRESS: 307 Echelon Road  
Greenville, SC,

INFORMATION PHONE: 864 299-2819

DATE PRINTED: 7/17/2007

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

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg	@ TEMP	WEIGHT PERCENT
METHYL N-BUTYL AMYL KETONE ACGIH TLV: 50 PPM SDHA TLV: 100 PPM TWA	110-43-0	2.80	68 F	10% to 25%
N-BUTYL ACETATE ACGIH TLV: 150 PPM, ACGIH TLV: 150 PPM	123-86-4	1.25	68 F	0% to 10%

\* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 112

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

BOILING RANGE:	259.0 F TO 304.0	SPECIFIC GRAVITY (H2O=1):	1.3453
BOILING POINT:	259.0 F		
VAPOR DENSITY:	HEAVIER THAN AIR	EVAPORATION RATE:	SLOWER THAN ETHER
COATING V.O.C.:	450.41	MATERIAL V.O.C.:	450.41
SOLUBILITY IN WATER:	INSOLUBLE		
APPEARANCE AND ODOR:	OPAQUE WITH ODOR OF SOLVENT		

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

FLASH POINT:	91.00 F	METHOD USED:	PMCC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER:	1.1	UPPER:	7.9

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL, WATER FOG

**SPECIAL FIREFIGHTING PROCEDURES**

Water spray may be ineffective. If water is used, fog nozzles are preferred. Water may be used to cool liquid containers to prevent pressure build-up and possible auto-ignition or explosion when exposed to extreme heat.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

Keep containers tightly closed. Isolate from heat, sparks, electrical equipment and open flames. Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. Self-contained breathing apparatus should be worn by firefighters.

**SECTION V - REACTIVITY DATA**

**STABILITY - STABLE**

**CONDITIONS TO AVOID**

Temperatures above maximum storage temperature. Avoid exposure to heat, sparks, or open flames.

**INCOMPATIBILITY (MATERIALS TO AVOID)**

Strong acids, strong bases, alcohols, metal compounds and surface active materials.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

CO, CO2, nitrogen oxides.

**HAZARDOUS POLYMERIZATION:**

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M I L I T A R Y U S E

**SECTION VI - HEALTH HAZARD DATA****INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Individuals with asthmatic type conditions, chronic bronchitis or other chronic respiratory diseases or recurrent skin eczema or sensitization should be excluded from working with this product.

**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

May cause irritation to skin, eyes and respiratory tract. Symptoms may be watering of eyes, dryness, itching, coughing, headache, tightness in chest or burning sensation.

**SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Allergic reactions may occur in some individuals. Headache, dizziness or nausea may be experienced by some as a result of exposure to solvents.

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Drink water to dilute. Do not induce vomiting. Consult a physician.

**HEALTH HAZARDS (ACUTE AND CHRONIC)**

In emergency conditions, overexposure to decomposition products may cause a health hazard. Acute and chronic inhalation may occur if exposed to limits above TLV. Symptoms of irritation include redness, burning, itching eyes, dryness of throat and tightness of chest. Acute and chronic skin contact may occur if exposed above TLV. Symptoms of irritation. Consult physician if swelling, rash, scaling or blistering occurs.

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

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE**

Asthmatic type conditions, chronic bronchitis, other chronic respiratory disease or recurrent skin eczema/sensitization.

**EMERGENCY AND FIRST AID PROCEDURES**

**Eye Contact:** Flush with water for 15 minutes. Consult a physician. **Skin Contact:** Wash affected area with soap and water. Remove contaminated clothing. Consult a physician. **Inhalation:** Remove to fresh air. Consult a physician. **Ingestion:** Drink water to dilute. Do not induce vomiting. Consult a physician.

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Evacuate non-essential personnel. Remove all sources of ignition. Ventilate the area. Equip clean up crew with self-contained breathing apparatus. Dike spill. Cover with sawdust, vermiculite or Fuller's earth. Collect in open containers.

**WASTE DISPOSAL METHOD**

Comply with Federal, State and Local regulations. Empty containers must be handled carefully due to product residue and flammable solvent vapor.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Do not store above 100 degrees F. Store in large quantities only in buildings designed to comply with NFPA 1910.106. Keep containers closed and upright to prevent leakage. Do not store or use near heat, sparks or flames.

**OTHER PRECAUTIONS**

Avoid prolonged or repeated contact with vapor or spray mist during application or curing.

**SECTION VIII - CONTROL MEASURES****RESPIRATORY PROTECTION**

In open or open areas, use NIOSH approved mechanical filter respirator. In restricted ventilation areas, use NIOSH approved chemical/mechanical filters to remove vapors and particulates. In confined areas use NIOSH approved air line type respirators or hoods.

**VENTILATION**

Ensure sufficient in volume and pattern to keep contaminant concentration below TLV (NIOSH) or PEL (OSHA). If best air may need to be cleaned by scrubber or filters to reduce environmental contamination.

**PROTECTIVE GLOVES**

Wear chemical resistant gloves. Cover as much as exposed skin area as possible with appropriate clothing.

**EYE PROTECTION**

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Use goggles, face shields or safety eyewear with side shields. Contact lenses should not be worn.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

If protective creams are used keep the area protected only by the cream to a minimum.

**WORK/HYGIENIC PRACTICES**

Wash hands before eating or using bathroom. Remove and wash contaminated clothing before reuse. Wear chemical resistant boots.

**SECTION IX - DISCLAIMER**

The information contained herein is based on data considered accurate, but no warranty is expressed or implied. Users assume all responsibility and liability for loss or damage arising from the handling and use of our products, whether used alone or in combinations. Although hazardous materials are listed, we cannot guarantee these are the only ones that exist.