

Magic-Mend

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1

MANUFACTURER'S ITEM NUMBER: R896A

MANUFACTURER'S NAME:
H.E. WISDOM & SONS, INC. (WISDOM ADHESIVES)

EMERGENCY TELEPHONE NUMBER:
847-678-7750

ADDRESS:
10275 PACIFIC AVE, FRANKLIN PARK, IL 60131

DATE PREPARED:
07-07-2004

SECTION 2: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY: COMMON NAME(S) OSHA PEL ACGIH TLV
OTHER LIMITS RECOMMENDED % (OPTIONAL)

CHEMICAL FAMILY—POLYVINYL ACETATE EMULSIONS
(ETHYLENE/VINYL ACETATE COPOLYMER—HOMOPOLYMER)

NONE HAZARDOUS

FORMULA: PROPRIETARY MIXTURE

SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 212°F

SPECIFIC GRAVITY (H₂O -1): 1.07

VAPOR PRESSURE (MM HG.): OF WATER

MELTING POINT: (NO DATA) N/A

VAPOR DENSITY (AIR -1): OF WATER VAPOR

EVAPORATION RATE (BUTYL ACETATE -1): NO DATA N/A

SOLUBILITY IN WATER: MISCIBLE IN ALL PROPORTIONS

APPEARANCE AND ODOR: MOBILE LIQUID, WHITE COLOR, SWEET ODOR

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: NON-FLAMMABLE, NON-COMBUSTIBLE

EXTINGUISHING MEDIA: THIS PRODUCT WILL BURN ONLY AFTER WATER IT CONTAINS IS DRIVEN OFF. FOR DRY POLYMER
RESIDUAL USE WATER OR CARBON DIOXIDE.

UNUSUAL FIRE AND EXPLOSION HAZARDS: NOTHING KNOWN

SECTION 5: REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: FREEZING, THAWING OR BOILING

INCOMPATIBILITY (MATERIALS TO AVOID): MINERAL ACIDS, ALKALIS

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SECTION 5: REACTIVITY DATA (continued)

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: ADHESIVE CONTAINS LOW LEVEL OF ORGANIC VOLATILES WHICH MAY BE EMITTED OR RELEASED IN APPLICATION PROCESSES INVOLVING THE USE OF HEAT.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: N/A

SECTION 6: HEALTH HAZARD DATA

ROUTE (S) OF ENTRY: INHALATION **YES** SKIN **YES** INGESTION **YES**

HEALTH HAZARDS (ACUTE & CHRONIC): MILD RESPIRATORY TRACT IRRITANT

CARCINOGENICITY: NTP IARC MONOGRAPHS OSHA REGULATED

NONE

SIGNS AND SYMPTOMS OF EXPOSURE: INHALATION OF VAPORS MAY CAUSE IRRITATION IN THE RESPIRATORY TRACT.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: ASTHMA

EMERGENCY AND FIRST AID PROCEDURES: SEE SECTION 9

***HMIS:** Health: 1 Flammability: 0 Reactivity: 0 Protective Equipment: B

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: SEE SECTION 10

WASTE DISPOSAL METHOD: SEE SECTION 10

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: SEE SECTION 10

OTHER PRECAUTIONS: SEE SECTION 10

SECTION 8: CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): NOT REQUIRED UNDER NORMAL CONDITIONS

VENTILATION: LOCAL EXHAUST: HELPFUL TO MOVE AIR SPECIAL: NONE KNOWN

MECHANICAL (GENERAL): SEE ABOVE OTHER: NONE KNOWN

PROTECTIVE GLOVES: RUBBER GLOVES OR EXAM GLOVES ARE HELPFUL

WORK/HYGIENIC PRACTICES: PROVIDE READILY ACCESSIBLE EYE WASH STATIONS AND SAFETY SHOWER

SECTION 9: FIRST AID

EYE CONTACT: RINSE IMMEDIATELY WITH PLENTY OF WATER

SKIN CONTACT: WASH AFFECTED AREA WITH SOAP AND WATER

INHALATION: MOVE PATIENT TO FRESH AIR. IF BREATHING HAS STOPPED OR IS LABORED GIVE ASSISTED RESPIRATION (E.G. MOUTH-TO-MOUTH). PREVENT ASPIRATION OF VOMIT. TURN VICTIM'S HEAD TO THE SIDE. SEEK MEDICAL ADVICE.

INGESTION: IF SWALLOWED, CALL A PHYSICIAN IMMEDIATELY. NOTE TO PHYSICIANS: REMOVE STOMACH CONTENTS BY GASTRIC SUCTION OR INDUCE VOMITING ONLY AS DIRECTED BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION 10: ACCIDENTAL RELEASE MEASURES—HANDLING AND STORAGE

CONTAINMENT TECHNIQUES: (REMOVAL OF IGNITION SOURCES, DIKING ETC.) STOP THE LEAK IF POSSIBLE. VENTILATE THE SPACE INVOLVED. CONSTRUCT A DIKE TO PREVENT SPREADING.

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SECTION 10: ACCIDENTAL RELEASE MEASURES—HANDLING AND STORAGE (continued)

CLEAN-UP PROCEDURES: IF RECOVERY IS NOT FEASIBLE, MIX WITH DRY SOIL, SAND OR NON-REACTIVE ABSORBENT (SODIUM BISULFATE) AND PLACE IN A CONTAINER OR DUMPSTER PENDING DISPOSAL. TRANSFER TO CONTAINERS BY SUCTION, PREPARATORY FOR LATER DISPOSAL. PLACE IN METAL CONTAINERS FOR RECOVERY OR DISPOSAL. FLUSH AREA WITH WATER SPRAY. WASH CONTAMINATED PROPERTY (E.G. AUTOMOBILES) QUICKLY BEFORE THE MATERIAL DRIES. CLEAN UP PERSONNEL MUST BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS AND BUTYL RUBBER PROTECTIVE CLOTHING. FOR LARGE SPILLS, RECOVER SPILLED MATERIAL WITH A VACUUM TRUCK.

OTHER EMERGENCY ADVICE: SPILLED POLYMER EMULSION IS VERY SLIPPERY. USE CARE TO AVOID FALLS; A FILM WILL FORM ON DRYING. REMOVE SATURATED CLOTHING AND WASH CONTACTED SKIN AREA WITH SOAP AND WATER. PRODUCT IMPARTS A MILKY WHITE COLOR TO CONTAMINATED WATERS. FOAMING MAY RESULT. SEWAGE TREATMENT PLANTS MAY NOT BE ABLE TO REMOVE THE WHITE COLOR IMPARTED TO THE WATER. WEAR PROTECTIVE CLOTHING, BOOTS, GLOVES, AND EYE PROTECTION.

WATER DISPOSAL: WASTE DISPOSAL SHOULD BE IN ACCORDANCE WITH EXISTING FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

HANDLING AND STORAGE: STORAGE-KEEP AWAY FROM OXIDIZERS. AVOID FREEZING TEMPERATURES DURING STORAGE. MINIMIZE CONTACT WITH ATMOSPHERIC AIR TO PREVENT INOCULATION WITH MICROORGANISMS. IF HEADSPACE VENTILATION IS REQUIRED, USE AIR TO REDUCE SKIN FORMATION ON EMULSION SURFACE.

HANDLING: AVOID BREATHING OF VAPORS. HANDLE IN WELL VENTILATED WORK SPACE. WHEN HANDLING, DO NOT EAT, DRINK OR SMOKE.

SECTION 11: TOXICOLOGY INFORMATION

Product Information: This product is considered as being non-toxic. Use of good, industrial hygiene practices is recommended.

Chronic (long term) effects of exposure:

Route of entry.....Inhalation; Skin contact; Eye contact

Effects of Chronic ExposureNot Established

Target Organs.....Not Applicable

CarcinogenNo

SECTION 12: REGULATORY INFORMATION

TSCA: All components are on the TSCA inventory.

State Laws: California proposition 65: Warning: This product contains a chemical known to the state of California to cause cancer: Acetaldehyde (75-07-0) <0.1%.

VOC Content: <3gm/L Meets the requirements of Ventura Cty APCD Rule 74.19 (Graphic Arts)

The level of VOC's less water and exempt organic compounds would be less than 3 grams per liter as applied.

Sara/Title III: This product contains no substances at or above the reporting threshold under Section 313, based on data available.

Coneg Status: This product meets the coneg/heavy metal standard (i.e. < 100 ppm for sum of conc. Lead, mercury, cadmium, hexavalent chromium).

FDA Status: Approved under the code of federal regulations for food and drugs 21CFR175.105, Adhesives: 21CFR176.170 (b), Components of paper and paperboard in contact with aqueous and fatty foods, with extractive limitations; and 21CFR176.180, Components of paper and paperboard in contact with dry food.

The information given above is based on our best knowledge, and is believed to be true and accurate. No guaranty of accuracy is made. It is the purchaser's responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes. Please read the entire product bulletin along with our conditions of sale which apply to all goods supplied by us. Wisdom Adhesives assumes no responsibility for the use of these statements, recommendations or suggestions, nor do we intend them as a recommendation for any use, which would infringe any patent or copyright.