

MATERIAL SAFETY DATA SHEET

HENRY®

478

Revised 1/97

Installation Products Division
Armstrong World Industries, Inc.
P.O. Box 3001
Lancaster, PA 17604
(717) 396-2328 or (717) 396-2935

I -- PRODUCT IDENTIFICATION

NAME: Henry 478 Carpet Adhesive.

II -- TRANSPORTATION DATA

HAZARD CLASS: Unregulated.

FOR CHEMICAL EMERGENCY: Spill, Leak, Fire, Exposure or Accident
Call Chem-Tel @ 1-800-255-3924.

III -- PRODUCT CONTENTS

This product does not contain chemicals subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR 372. All components are on TSCA inventory. IPD products do NOT contain asbestos.

IV -- HAZARDOUS INGREDIENTS

INGREDIENT:	PERCENT:	OCCUP. EXPOS. LMT.	VAP. PRESS.
Aromatic Process Oil, CAS #64742-11-6	20-25%	TLV: 5 mg/m ³ PEL: 5 mg/m ³	<0.01mm Hg @ 68°F

V -- PHYSICAL DATA

APPEARANCE: Tan paste. BOILING POINT: 212°F (water). ODOR: Mild. SOLUBILITY IN WATER: Dilutable. VAPOR DENSITY: Heavier than air. EVAPORATION RATE: Slower than ether. % VOLATILE VOLUME: 55-60%. % WATER VOLUME: 50-55%. WT/GAL: 9 lbs. VOC: 2 -4 g/L (.02 -.03 lbs/gal.). Non-Photochemically Reactive.

VI -- FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD): Above 200°F (SETA). EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire. HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, oxides of nitrogen and sulfur. UNUSUAL FIRE AND EXPLOSION HAZARDS: Material can splatter above 212°F. SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus.

VII -- HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: ACUTE: Eye contact can cause eye irritation. CHRONIC: Prolonged or repeated skin contact may cause irritation, inflammation and even cancer. PRIMARY ROUTES OF ENTRY: Skin and eye contact, inhalation and ingestion. MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: Pre-existing skin disorders. EMERGENCY FIRST AID PROCEDURES: In case of eye contact, flush eyes with plenty of water for 15 minutes, lifting eyelids occasionally. Get immediate medical attention. For skin contact, remove contaminated clothing and wash exposed area with soap and water. If irritation develops or persists, see a physician. Should inhalation problems occur, move victim to fresh air. Aid in breathing if necessary and get immediate medical attention. If swallowed, contact a physician immediately.

VIII -- REACTIVITY DATA

STABILITY: Stable. HAZARDOUS POLYMERIZATION: Will not occur. CONDITIONS TO AVOID: None known. INCOMPATIBILITY (MATERIALS TO AVOID): None known.

IX -- SPILL OR LEAK PROCEDURES

SPILLS: Wear protective equipment as situation warrants. Cover spill with floor absorbent, scoop material into DOT approved container and remove to safe place to dry. Keep product out of sewers and open bodies of water. Use caution -- floor may be slippery. WASTE DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations. Do not flush adhesive down drains.

X -- SAFE HANDLING AND USE INFORMATION

VENTILATION: Use with adequate ventilation. Open doors and windows, and utilize other means to assure fresh air entry and exhaust. RESPIRATORY PROTECTION: Wear NIOSH approved respiratory protection when ventilation is inadequate to keep airborne concentrations below established exposure limits. PROTECTIVE GLOVES: Rubber. EYE PROTECTION: Goggles. OTHER PROTECTIVE EQUIPMENT: A source of clean water should be available in work area for flushing eyes and skin. HYGIENIC PRACTICES: Avoid breathing vapor. Avoid prolonged or repeated skin contact, or wear impervious protective clothing. Remove contaminated clothing and thoroughly clean before reuse. Cleanse skin thoroughly after contact with waterless hand cleaner, followed by washing thoroughly with soap and water.

XI -- SPECIAL PRECAUTIONS

HANDLING AND STORING: Avoid extreme heat or cold. OTHER PRECAUTIONS: Keep out of reach of children. Use only as directed on label. Close container after each use. Do not reuse container. WORK SITE ENVIRONMENT: Initially there may be a potential adverse impact on indoor air quality within the general work area during the installation process. Therefore you should advise the building manager or other appropriate person that: • It will be necessary to establish and maintain adequate ventilation of the work area, without causing the entry of contaminants to other parts of building; and • Persons who are sensitive to odors and/or chemicals should be advised to avoid the work area during this process.