

AFT-701

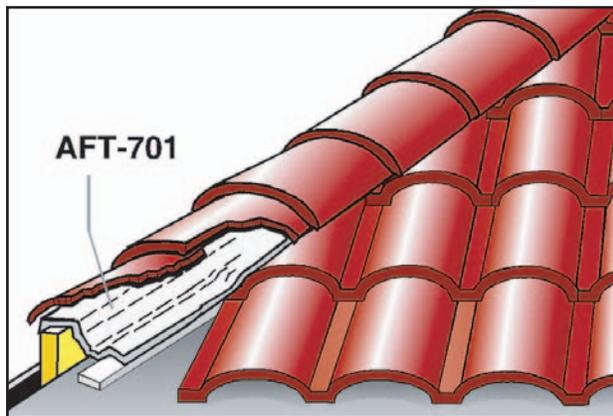
AFT-701

Aluminum Hip & Ridge Sealing & Flashing Tape

AFT-701 is designed for sealing hip and ridge areas on roof applications. It's also excellent for general flashing applications. AFT-701 has an aggressive grip, stays flexible during application, assuring immediate sealing on contact, and superior long-term adhesion. Providing leakproof results, this butyl adhesive/sealant is asphalt and solvent free and offers easy, fast application.

TECHNICAL DATA

Appearance	Mill finish aluminum foil
Bonding Time	Immediate Water Tight Aggressive Grip (Full bond within 24 hours)
Thickness	.30 mils
Backing	Aluminum Foil
Adhesive	THE GRAY MATTER™ Elastomeric Modified Butyl Rubber
Operating Temperature	-20°F to 200°F
Low Temperature Flexibility	Passes, no cracking
Tensile Strength	.445 psi avg.
Peel Strength	.17 lbs. per linear inch
Water Resistance	Excellent (Surface must be clean and dry before application)
U.V. Resistance	Excellent



AFT-701 PART NUMBERS

1 Case w/ (8) 6" x 50' Rolls	.304081
1 Case w/ (6) 9" x 50' Rolls	.304082
1 Case w/ (6) 12" x 50' Rolls	.304077

APPLICATION

Preparation ... Clean surface - Remove dust, dirt, oil and moisture. Peel off few inches of release liner.

Method ... Apply exactly the first time, removal may damage tape and roof. Center tape on ridge board. First guide tape to lowest part of tile or shingle. **DO NOT STRETCH.** Press down firmly starting at lowest or most outside edge workin back toward center of tape, removing bubbles. Edges must have no openings, tunnels, or fishmouths.

Temperature35°F to 110°F

STORAGE

Temperature30°F to 110°F

Shelf Life24 Months

Flammability ... Non-flammable

(Contains no Asbestos, CFC or PCB)

PRECAUTIONS

Surfaces must be clean and free of moisture and contamination. Do not apply this product where temperatures will exceed 200°F. Do not stretch this product during application. Keep out of the reach of children. Review MSDS for safety information prior to use. **DO NOT** use where acidic or alkaline chemicals are present (ie., lab fume hood, vents, etc.)

For Industrial Professional Use Only.



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MATERIAL SAFETY DATA SHEET

Business Hours 8:00 am - 5:00 pm
Emergency Telephone Number
972/442-6545

HARDCAST PRODUCTS
CARLISLE COATINGS AND WATERPROOFING, INC.
Subsidiary of Carlisle Corporation
900 Hensley Lane Wylie, Texas 75098

FOR TRANSPORTATION EMERGENCIES
CALL CHEMTREC 800/454-9300

SECTION I

PRODUCT NAME & SYNONYMS AG 701 / AP 1602	CHEMICAL FAMILY Rubber	HMIS RATINGS Health 1 Flammability 0 Reactivity 0
PRODUCT USE Duct Sealant, Roof Sealer	FORMULA Proprietary	

SECTION IIA - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	%	OSHA PEL (ppm)	Skin	LD50 of Ingredient	LC50 of Ingredient		
			TWA	STEL	Ceiling	Designation	mg/kg	ppm/4H

SECTION IIB - ADDITIONAL INGREDIENTS (> 3%)

Polybutene	CAS # 9003-29-6	Hydrocarbon Resin	CAS # 25038-32-8
Hydrocarbon Resin	CAS # 62258-49-5	Calcium Carbonate	CAS # 1317-65-3
Hydrocarbon Resin	CAS # 9003-07-0	Butyl Rubber	CAS # 9010-85-9

N/A=Not applicable N/E=Not established

SECTION III - PHYSICAL DATA

SPECIFIC GRAVITY 1.25	BOILING POINT 314°F (157°C)	% VOLATILES BY WT None	VAPOR DENSITY Not Applicable
VAPOR PRESSURE Not Applicable	FREEZING POINT Not Established	SOLUBILITY IN WATER Not Soluble	EVAPORATION RATE Not Applicable
pH Not Applicable	PHYSICAL STATE Gray tacky tape	ODOR THRESHOLD Not Applicable	CORROSIVITY Not Applicable
VOC None	ODOR & APPEARANCE Gray tacky tape with mild rubber odor [AG 701] [AP-1602 polyester backed]		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY Not Flammable	IF YES, UNDER WHAT CONDITIONS		
FLASHPOINT None - TCC	AUTOIGNITION TEMPERATURE Not Applicable	LOWER FLAMMABLE LIMIT Not Applicable	UPPER FLAMMABLE LIMIT Not Applicable

HAZARDOUS COMBUSTION PRODUCTS
Carbon Monoxide and Carbon Dioxide

EXTINGUISHING MEDIA
Water, Dry Chemicals, Foam, Carbon Dioxide

SPECIAL FIREFIGHTING PROCEDURES
Follow normal fire fighting procedures. Firefighters should wear self-contained breathing apparatus, especially in enclosed areas. Will not burn unless preheated.

UNUSUAL FIRE & EXPLOSION HAZARDS
There is no evidence that this product is sensitive to physical shock or static discharge.

SECTION V - REACTIVITY DATA

This product is chemically stable. Hazardous polymerization will not occur.

CONDITIONS TO AVOID
Keep away from excessive heat.

INCOMPATIBILITY
Avoid strong acids or strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS
Combustion may yield a variety of compounds such as CO, CO₂, simple hydrocarbons, acids, aldehydes, ketones

SECTION VI - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO PRODUCT

No known effects. Considered nontoxic and noninjurious.

Eye contact may cause mechanical irritation. Skin contact may cause mechanical irritation.

Ingestion or Inhalation highly unlikely. Low order of acute oral toxicity.

SECTION VI - TOXICOLOGICAL PROPERTIES

-continued

Irritation, as noted above.

All evidence indicates that large polymer molecules are not biologically inactive.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT

None Known

EXPOSURE LIMITS Not Established	SENSITIZATION TO PRODUCT None Known	IRRITANCY OF PRODUCT None Known	SYNERGISTIC PRODUCTS None known
CARCINOGENICITY No evidence	MUTAGENICITY & TUMORIGENICITY No evidence	REPRODUCTIVE TOXICITY No evidence	TERATOGENICITY No evidence

SECTION VII - PREVENTIVE MEASURES

EYE PROTECTION Safety Glasses or goggles	GLOVES Cotton or other protective gloves
RESPIRATOR Not needed	RESPIRATOR Industrial shoes to prevent contact

OTHER
Long sleeves & long trousers to prevent skin contact.

ENGINEERING CONTROLS

Not Applicable

LEAK OR SPILL PROCEDURE

Not Applicable

WASTE DISPOSAL

Dispose of in accordance with all local, state, and federal regulations.

HANDLING PROCEDURES & EQUIPMENT

Normal use condition doesn't produce respirable Silica. However, sanding, grinding and burning might release respirable Silica.
Keep out of reach of children.
Wash with soap and water after use, especially before eating, smoking, or drinking.

STORAGE REQUIREMENTS

Keep away from excessive heat. Material may flow and could create a duration contact burn on hand.

SPECIAL SHIPPING INFORMATION

Item 35240 Class 55

SECTION VIII - FIRST AID MEASURES

EYE CONTACT

Do not remove. Get Medical Attention.

SKIN CONTACT

Care should be taken in the removal of the hot melt adhesive.
Get medical attention if too sensitive.

INHALATION

Not Applicable

INGESTION

Unlikely, but if ingested, it could create a blockage. Get medical attention.

SECTION IX - SARA SECTION 313 SUPPLIER NOTIFICATION

This product doesn't contain the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning & Community Right-to-Know Act of 1986 & of 40 CFR 372.

CHEMICAL NAME	CAS #	%	CHEMICAL NAME	CAS #	%

SECTION X - PREPARATION INFORMATION

PREPARED BY R & D	DATE 6 June 2002	REVISION # # 8	SUPERSEDES ALL PREVIOUS PUBLICATIONS
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NOTICE

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