

Adhesive Tape Products, Ltd.

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MATERIAL SAFETY DATA SHEET

AF-20A

2.0 MIL ALUMINUM FOIL TAPE with Acrylic Adhesive

1. INGREDIENT

INGREDIENT	C.A.S. NO.	PERCENT
ALUMINUM FOIL BACKING None	40 - 62
ACRYLATE ADHESIVE.....	None	15 - 20
SILICONE RELEASE LINER.....	None	25 - 40

2. PHYSICAL DATA

BOILING POINT:.....N/A

VAPOR PRESSURE:.....N/A

VAPOR DENSITY:.....N/A

EVAPORATION RATE:.....N/A

SOLUBILITY IN WATER:.....N/A

SPECIFIC GRAVITY:.....N/A

PERCENT VOLATILE:.....N/D

PH:.....N/A

VISCOSITY:.....N/A

MELTING POINT:.....N/D

APPEARANCE AND ODOR: Roll of Tape, Silver / Aluminum Color.

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... N/A

FLAMMABLE LIMITS - LEL:..... N/A

FLAMMABLE LIMITS - UEL:..... N/A

AUTOIGNITION TEMPERATURE:.....N/D

EXTINGUISHING MEDIA: Water spray, Carbon dioxide, Dry chemical, Foam

SPECIAL FIRE FIGHTING PROCEDURES: Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

NFPA HAZARD CODES: HEALTH: 1 FIRE: 1 REACTIVITY: 0

UNUSUAL REACTION HAZARD: None

OSHA FIRE HAZARD CLASS: Not applicable

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID: None known.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide and Carbon Dioxide.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE: Not applicable.

RECOMMENDED DISPOSAL: Dispose of waste product in a sanitary landfill. Reclaim if feasible.

ENVIRONMENTAL DATA: Not determined.

REGULATORY INFORMATION: Volatile Organic Compounds: N/A.

VOC Less H₂O & Exempt Solvents: N/A.

Since regulations vary, consult applicable regulations or authorities before disposal.

EPCRA HAZARD CLASS:

FIRE HAZARD: No **PRESSURE:** No **REACTIVITY:** No

ACUTE: No **CHRONIC:** No

6. SUGGESTED FIRST AID

EYE CONTACT: No need for first aid is anticipated.

SKIN CONTACT: No need for first aid is anticipated.

INHALATION: If signs / symptoms occur, remove person to fresh air. If signs / symptoms continue, call a physician.

IF SWALLOWED: No need for first aid is anticipated. If signs / symptoms continue, call a physician.

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

7. PRECAUTIONARY INFORMATION

EYE PROTECTION: Not applicable.

SKIN PROTECTION: Not applicable.

RECOMMENDED VENTILATION: Provide appropriate local exhaust when product is heated.

RESPIRATORY PROTECTION: Avoid breathing of thermal decomposition products.

PREVENTION OF ACCIDENTAL INGESTION: Do not ingest.

RECOMMENDED STORAGE: Store at room temperature.

FIRE AND EXPLOSION AVOIDANCE: Not applicable.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
ALUMINUM.....	10	MG/M3	TWA	ACGIH	
ALUMINUM.....	15	MG/M3	TWA	OSHA	
ADHESIVE: Acrylic Copolymer.	NONE	NONE	NONE	NONE	

*SKIN NOTATION: Listed substances indicated with 'Y' under SKIN refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- OSHA: Occupational Safety and Health Administration
- NONE: None Established

8. HEALTH HAZARD DATA

EYE CONTACT: Eye contact is not expected to occur during normal use of the product.

SKIN CONTACT: No adverse health effects are expected from skin contact.

Mechanical skin irritation: signs/symptoms can include itching and redness.

INHALATION: No adverse health effects are expected from inhalation exposure. Vapours of heated material may cause respiratory system irritation.

IF SWALLOWED: Ingestion is not a likely route of exposure to this product. No adverse health effects are expected from swallowing.

9. OTHER HEALTH HAZARD INFORMATION: These products, when used under reasonable conditions or in accordance with the manufacture directions for use, should not present a health and safety hazard. However, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance of the product and may present potential health and safety hazards.

The information in this Material Safety Data Sheet (MSDS) is believed to be correct as of the date issued. Adhesive Tape Products, Ltd. (ATP) MAKES NO WARRANTIES, EXPRESSED OR IMPLIED. INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE.

User is responsible for determining whether the product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a ATP product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the ATP product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.