Advanced Adhesive Technologies, Inc.

AAT-125 Solvent Seam Adhesive Specification Sheet

Description:

AAT-125 Solvent Seam Adhesive is a non-flammable chlorinated solvent blend rubber adhesive formulated especially for seaming broadloom carpets in direct glue down applications. **AAT-125** has an extremely tough, fast grabbing bond which is water and alkali resistant. This product is not intended for vinyl-backed (PVC) carpets.

AAT-125 is used to join together the primary backs of the two sections of carpet being seamed together. Run a small continuous bead of adhesive along the carpet joint and bring the sections together immediately. The aggressive tough grab develops immediately. Use an absorbent white cotton cloth and AAT-197 Adhesive Remover to clean up excess adhesive.

Tips to AAT applicator bottles can be cut to produce any desired bead size. Simply use a utility knife to cut off the tip on a 45 degree angle.

Uses:

AA-125 Seam Adhesive is recommended for the following uses:

A. Latex foam-backed carpet (Durogan, GSA, Sponge)
B. Attached urethane foam backed carpet (Enhancer®).
C. Woven polypropylene (ActionBac®)
D. Unitary (latex and urethane)
E. Laminating carpet to stairs (use a contact cement)

Specific Technical Data:

A. Medium viscosity
B. Fast Grabbing
C. Flammability – Non-Flammable
D. Clean-up – Use AAT-197 to remove adhesive spills or for clean-up
E. Shelf-Life – One year from date of manufacture in an unopened container

Warning: Vapors can be harmful or fatal. Skin and eye irritant. Harmful if swallowed. Contains a chlorinated solvent blend. Use only with forced air ventilation. Be sure to have plenty of fresh air. High concentrations of vapors or contact with skin or eyes. **DO NOT TAKE INTERNALLY.**

First Aid: Move person overcome by vapors to fresh air. Apply artificial respiration if breathing has stopped. Call a physician. Physician note: Epinephrine should NOT be administered. In case of eye contact flood repeatedly with water and get medical attention.

Be sure to consult the Safety Data Sheet for AAT-125 for specific Health Hazard Data, use, clean-up, and protective data along with specific chemical data as required by OSHA, Section 313 of SARA Title III. Proprietary blend as defined by the Federal Hazardous Substances Act.

Safety Data Sheet

Print Date: January 27, 2017 (Replaces April 6, 2016)

1. Identification

- **Product Name:** AAT-125
- **Product Use:** Non Flammable Seam Sealer
- **Manufacturer:** Advanced Adhesive Technologies, Inc.
  424 South Spencer Street
  Dalton, GA 30721
  800-228-4583
- **Emergency telephone number:** Chemtrec 1-800-424-9300

2. Hazard(s) identification

- **Classification of the substance or mixture**

This product is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin Corrosion/irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2
Carcinogenicity	Category 1B
Specific target organ toxicity (single exposure)	Category 3
Target Organs – Central nervous system (CNS), respiratory system.	
Specific target organ toxicity – (repeated exposure)	Category 2
Target Organs – Liver, Kidney, Blood.	

Label Elements

Single Word

Danger

Hazard Statement

Causes skin irritation
Causes serious eye irritation
May cause respiratory irritation
May cause drowsiness or dizziness
May cause cancer
May cause damage to organs through prolonged or repeated exposure

Precautionary Statements

Prevention

Obtain special instructions before use
Do not handle until all safety precautions have read and understood
Use personal protective equipment as required
Wash face, hands, and any exposed skin thoroughly after handling
Wear eye/face protection
Do not breathe dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area

Response

IF exposed or concerned: Get medical attention/advice

Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Skin

IF ON SKIN: Wash with plenty of soap and water
If skin irritation occurs: Get medical attention/advice
Take off contaminated clothing and wash before reuse

Eyes

IF IN EYESL Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing if eye irritation persists: Get medical advice/attention

Storage

Store locked up
Store in a well-ventilated place. Keep container tightly closed

Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

WARNING! This product contains a chemical known in the State of California to cause cancer, birth defects or other reproductive harm.

3. Composition/information on ingredients

Cas # 75-09-2	Methylene Chloride	45-46.5%
Cas # 127-18-4	Perchloroethylene	15-20%

• **Trade name:** AAT-125

4. First-aid measures

• **Description of first aid measures**
• **After inhalation:** Overexposure, remove to fresh air and seek medical attention.
• **After skin contact**: Immediately wash with water and soap and rinse thoroughly.
• **After eye contact:** Rinse opened eye for several minutes under running water.
• **After swallowing:** Do not induce vomiting; immediately call for medical help.
• **Most important symptoms and effects, both acute and delayed:** No further relevant information available.
• **Indication of any immediate medical attention and special treatment needed:**
No further relevant information available

5. Fire-fighting measures

• **Extinguishing media**
• **Suitable extinguishing agents:**
CO_2, extinguishing powder or water spray. Fight larger fires with water spray.
Use fire fighting measures that suit the environment.

• **Special hazards arising from the substances or mixture:** Dried solids can burn and release toxic fumes and vapors.
• **Advice for firefighters**
• **Protective equipment:** Protective clothing and respiratory protective device.

6. Accidental release measures

• **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
• **Environmental precautions:** Dilute with water.
• **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust)
Wash area thoroughly with water.
Dispose of contaminated material as waste in accordance with federal state and local regulations.
Ensure adequate ventilation.
• **Reference to other sections**
See section 7 for information on safe handling
See section 8 for information on personal protection equipment
See section 13 for disposal information

7. Handling and storage

• **Precautions for safe handling**
Avoid prolonged or repeated contact with skin.
Avoid contact with eyes.
Wash thoroughly after handling.
• **Information about protection against explosions and fires:** No special measures required.
• **Storage:** Keep container tightly closed in a cool area
• Store above 40°F.
• **Information about storage in one common storage facility**: Not required
• **Specific end use(s)** No further relevant information available.

8. Exposure controls/personal protection

Component	ACGIHTLV	OSHA PEL	NIOSH IDLH
Methylene chloride	TWA = 50ppm	TWA 500ppm	IDLH = 2300ppm
Perchloroethylene	TWA = 25 ppm	100 ppm	IDHL = 150ppm

• **Additional information about design of technical systems**: No further data; see item 7

• **Control parameters**
• **Components with limit values that require monitoring at the workplace:**
This product does not contain any relevant quantities of materials with critical values that have to monitor at the workplace.
• **Additional information:** The lists that were valid during the creation were used as basis.

• **Exposure controls**
• **Personal protective equipment (see listings below)**
• **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

- **Breathing equipment:** Not necessary if room is well-ventilated
- **Protection of hands:** Protective gloves (Nitrile gloves)

  The glove material has to be impermeable and resistant to the product/the substance/ the preparation.
- **Eye protection:** Safety glasses with side shields
- **Body protection:** Protective work clothing

9. Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

Form:	Semi-viscous liquid
Color:	dark amber
Odor:	sweet
Odour threshold:	No information available
pH-value at 20°C (68°F):	N/A
Change in condition	
Melting point:	**97°C/142.6°F**
Boling point:	39°C/102.2°F
Flash point:	No information available
Flammability (solid, gaseous):	Not applicable
Ignition temperature:	
Decomposition temperature:	Not determined
Auto igniting:	Product is not self igniting
Danger of explosion:	Product does not present an explosion hazard.
Flammable limits:	
Lower:	Not determined
Upper:	Not determined
Specific gravity at 20°C (68°F):	1.38-1.44
Vapor density:	2.93
Evaporation rate:	Faster than ether
Solubility in/Miscibility with	
Water:	Not Miscible in water

10. Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition/conditions to be avoided:** No decomposition if used according to specifications
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** Carbon monoxide and carbon dioxide and hydrogen chloride gas

11. Toxicological information

• **Acute toxicity:**

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Methylene chloride	>2000 mg/kg (Rat)	> 2000 mg/kg (Rat)	53 mg/L (Rat) 6h 76000 mg/m³ (Rat) 4 h

• **Toxicologically Synergistic:**

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation	Irritating to eyes and skin
Sensitization	No information available
Carcinogenicity	The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	CAS-No	IARC	NTP	ACGIH	OSHA	Mexico
Methylene chloride	75-09=2	Group 2a	Reasonably Anticipated	A3	X	A3

IARC (International Agency for Research on Cancer)

IARC: (International Agency for Research on Cancer)
Group 1 – Carcinogenic to Humans
Group 2A – Probably Carcinogenic to Humans
Group 2B – Possibly Carcinogenic to Humans

NTP (National Toxicity Program)

NTP: (National Toxicity Program)
Known – Known Carcinogen
Reasonably Anticipated – Reasonably Anticipated to be a Human Carcinogen

ACGIH (American Conference of Governmental Industrial Hygienists)

ACGIH (American Conference of Governmental Industrial Hygienists)
A1 – Known Human Carcinogen
A2 – Suspected Human Carcinogen
A3 – Animal Carcinogen

Mexico – Occupational Exposure Limits – Carcinogens

Mexico – Occupational Exposure Limits – Carcinogens
A1- Confirmed Human Carcinogen
A2 – Suspected Human Carcinogen
A3 – Confirmed Animal Carcinogen
A4 – Not Classified as a Human Carcinogen
A5 – Not Suspected as a Human Carcinogen

Mutagenic Effects	**Mutagenic effects have occurred in microorganisms.**
Reproductive Effects	**Experiments have shown reproductive toxicity on laboratory animals.**
Developmental Effects	**Developmental effects have occurred in experimental animals.**
Teratogenicity	**No information available.**
STOT – single exposure	**Central nervous systems (CNS) Respiratory system**
STOT – repeated exposures	**Liver Kidney Blood**
Aspiration Hazard	**No information available**
Symptoms/effects, both acute and Delayed	**Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness and vomiting.**
Endocrine Disruptor Information	**No information available.**
Other Adverse Effects	**Tumorigenic effects have been reported in experimental animals. See actual entry in RTECS for complete information.**

12. Ecological Information

Ecotoxicity

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Methylene Chloride	EC50:>660 mg/L 96h	Pimephales promelas: LC50: 193 mg/L/96H	EC50: 1 mg/L/24h EC50: 2.88 mg/L/15min	EC50: 140 mg/L/48h

Persistence and Degradability	Persistence is unlikely based on information available.
Bioaccumulation/Accumulation	No information available
Mobility	Will likely be mobile in the environment due to its volatility.

Component	log Pow
Methylene chloride	1.25

13. Disposal Considerations

Waste Disposal Methods Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

Component	**RCRA-U Series Wastes**
Methylene chloride – 75-09-2	U080

14. Transport information

DOT

UN-No	UN1593
Proper Shipping Name	Dichloromethane
Hazard Class	6.1
Packing Group	III

TDG

UN-No	UN1593
Proper Shipping Name	Dichloromethane
Hazard Class	6.1
Packing Group	III

IATA

UN-No	UN1593
Proper Shipping Name	Dichloromethane
Hazard Class	6.1
Packing Group	III

IMDG/IMO

UN-No	UN1593
Proper Shipping Name	Dichloromethane
Hazard Class	6.1
Packing Group	III

15. Regulatory information

All of the components in the product are on the following inventory lists: X = listed

International Inventories

Component	TSCA	DSL	NDSL	EINECS	NLP	PICCS	ENCS	AICS	IECSC	KECL
Methylene chloride	X	X	-	200-838-9		X	X	X	X	X

Legend:
X – Listed
E – Indicates a substance that is the subject of a Section 5(e) Consent order under TSCA.
F – Indicates a substance that is subject of a Section 5(f) Rule under TSCA.
N – Indicates a polymeric substance containing no free-radical initiator in its inventory name but us considered to cover the designated polymer made with any free-radical initiator regardless of the amount used.
P – Indicates a commenced PMN substance.
R – Indicates a substance that is the subject of a Section 6 risk management rule under TSCA.
S – Indicates a substance that is identified in a proposed or final Significant New Use Rule.
T – Indicates a substance that is the subject of a Section 4 test rule under TSCA.
XU – Indicates a substance exempt from reporting under the Inventory Update Rule, i.e. Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(B).
Y1 – Indicates an exempt polymer that has a number-average molecular weight of 1,000 or greater
Y2 – Indicates an exempt polymer that is polyester and is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule.

U.S. Federal Regulations

SARA 313

Component	CAS-No	Weight %	SARA 313 – Threshold Values %
Methylene chloride	75-09-2	>99.5	0.1

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

Component	CWA-Hazardous Substances	CWA-Reportable	CWA-Toxic Pollutants	CWA-Priority Pollutants
Methylene chloride	-	-	X	X

Clean Air Act

Component	HAPS Data	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Methylene chloride	X		-

OSHA Occupational Safety and Health Administration

Component	Specifically Regulated Chemicals	Highly Hazardous Chemicals
Methylene chloride	125 ppm STEL 12.5 ppm Action Level 25 ppm TWA	-

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Component	Hazardous Substance RQs	CERCLA EHS RQs
Methylene chloride	1000 lb 1 lb	-

California Proposition 65 This product contains the following proposition 65 chemicals

Component	CAS-No	California Prop 65	Prop 65 NSRL	Category
Methylene chloride	75-09-2	Carcinogen	200 ug/day 50 ug/day	Carcinogen

U.S. State Right-to-Know Regulations

Component	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Methylene chloride	X	X	X	X	X

U.S. Department of Transportation

Reportable Quantity (RQ):	Y
DOT Marine Pollutant:	N
DOT Severe Marine Pollutant:	N

U.S. Department of Homeland Security

This product does not contain any DHS chemicals.

Other International Regulations

Mexico – Grade No information available

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

WHMIS Hazard Class D1B Toxic materials
D2A Very toxic materials

16. Other information

Although the information and recommendations set forth in the SDS are presents in good faith and are believed to be correct as of the date of this SDS, AAT makes not representations as to the completeness or accuracy thereof. Information is supplied on the condition that the persons receiving and using it will make their own determination as to the suitability for their purpose prior to use. In no event will AAT or any affiliate thereof be responsible for damages of any nature whatsoever resulting from the use or reliance on the information set forth in the SDS.

Department issuing SDS: Environment protection department
Creation date: January 27, 2017