



Technical Data Sheet [TDS]

AAT-150 Latex Seam Adhesive

AAT-150 is a high strength, natural latex adhesive formulated to seal carpet edges prior to hot melt seaming, for sealing stitches on hand sewn seams and for “tape and latex” seaming. AAT-150 is widely used to prevent raveling, for binding, for replacing damaged nap and for strengthening worn or loose backings. AAT-150 contains no solvents and is 0 VOC as defined by the SCAQMD Rule 1168. AAT-150 is not designed for PVC or Vinyl backed carpets.

Shake or stir seam sealer before using. Apply seam sealer directly to carpet’s primary backing along seam area. For “tape and latex” seaming apply a uniform coat of seam sealer to the tape. Heavily stitched backings may require more adhesive. To ensure best seam result, do not leave seam sealer open for more than ten minutes. When the seam is made, allow the seam sealer to dry thoroughly. AAT-150 curing will take up to 48 hours.

Specific Technical Data:

- Base: natural latex
- Color: white liquid, dries semitransparent
- Flammability: Non-flammable
- Keep from freezing
- Working properties:
 1. Medium viscosity
 2. Fast grabbing
 3. Easy to apply
- Shelf life: 6 months
- Store in a cool, dry area. Keep the container tightly sealed when not in use.
- Clean-up: while wet with soapy water and when dry with AAT-197.

Uses:

AAT-150 Latex Seam Sealer is recommended for the following uses:

- Buttering carpet seams and edges
- Carpet backing repair
- Replacing damaged nap
- Adhering bindings

Available in pints, quarts and gallons.

September 12, 2018 [replaces Sept 9, 2013]

424 S. Spencer St. Dalton, GA 30721
(800)AAT-GLUE
aatglue.com

Safety Data Sheet

acc. to OSHA HCS

Printing date 09/12/2018

Reviewed on 09/12/2018

1 Identification

- **Product identifier**
- **Trade name:** AAT-150
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Advanced Adhesive Technologies
424 South Spencer Street
Dalton, GA 30721
+1 (800) 228-4583
- **Emergency telephone number:**
CHEMTREC USA +1 (800) 424-9300 & INTERNATIONAL +1 (703) 527-3887

2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS08 Health hazard

Muta. 1B H340 May cause genetic defects.

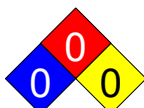
Carc. 1A H350 May cause cancer.

- **Label elements**
- **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS08

- **Signal word** Danger
- **Hazard-determining components of labeling:**
1,3-butadiene buta-1,3-diene
- **Hazard statements**
May cause genetic defects.
May cause cancer.
- **Precautionary statements**
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wear protective gloves/protective clothing/eye protection/face protection.
IF exposed or concerned: Get medical advice/attention.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**

Health = 0
Fire = 0
Reactivity = 0

(Contd. on page 2)

-US-

Safety Data Sheet

acc. to OSHA HCS

Printing date 09/12/2018

Reviewed on 09/12/2018

Trade name: AAT-150

(Contd. of page 1)

- **HMIS-ratings (scale 0 - 4)**

HEALTH	*0	Health = *0
FIRE	0	Fire = 0
REACTIVITY	0	Reactivity = 0

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

9006-04-6	Natural rubber latex	49.0%
106-99-0	1,3-butadiene buta-1,3-diene	1.0%

4 First-aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- **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:** Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:**
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.

(Contd. on page 3)

Safety Data Sheet

acc. to OSHA HCS

Printing date 09/12/2018

Reviewed on 09/12/2018

Trade name: AAT-150

(Contd. of page 2)

- **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.

- **Protective Action Criteria for Chemicals**

- **PAC-1:**

106-99-0	1,3-butadiene buta-1,3-diene	670 ppm
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- **PAC-2:**

106-99-0	1,3-butadiene buta-1,3-diene	5300* ppm
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- **PAC-3:**

106-99-0	1,3-butadiene buta-1,3-diene	22000*** ppm
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7 Handling and storage

- **Handling:**

- **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.

- **Information about protection against explosions and fires:** No special measures required.

- **Conditions for safe storage, including any incompatibilities**

- **Storage:**

- **Requirements to be met by storerooms and receptacles:** No special requirements.

- **Information about storage in one common storage facility:** Not required.

- **Further information about storage conditions:** None.

- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **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:**

9006-04-6 Natural rubber latex

TLV	Long-term value: 0.0001* mg/m ³ Skin; DSEN, RSEN;* inh. fraction
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106-99-0 1,3-butadiene buta-1,3-diene

PEL	Short-term value: 11 mg/m ³ , 5 ppm Long-term value: 2.21 mg/m ³ , 1 ppm see 29 CFR 1910.1051; 29 CFR 1910.19(1)
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REL	See Pocket Guide App. A
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TLV	Long-term value: 4.4 mg/m ³ , 2 ppm
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(Contd. on page 4)

Safety Data Sheet

acc. to OSHA HCS

Printing date 09/12/2018

Reviewed on 09/12/2018

Trade name: AAT-150

(Contd. of page 3)

· **Ingredients with biological limit values:**

106-99-0 1,3-butadiene buta-1,3-diene

BEI	2.5 mg/L Medium: urine Time: end of shift Parameter: 1,2-Dihydroxy-4-(N-acetylcysteinyl)-butane (background, semi-quantitative)
	2.5 pmol/g hemoglobin Medium: blood Time: not critical Parameter: Mixture of N-1 and N-2-(hydroxybutenyl)valine hemoglobin adducts (semi-quantitative)

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
Store protective clothing separately.
- **Breathing equipment:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**



Tightly sealed goggles

US

(Contd. on page 5)

Safety Data Sheet

acc. to OSHA HCS

Printing date 09/12/2018

Reviewed on 09/12/2018

Trade name: AAT-150

(Contd. of page 4)

9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form:	Fluid
Color:	According to product specification

- **Odor:** Characteristic

- **Odor threshold:** Not determined.

- **pH-value:** Not determined.

- **Change in condition**

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	100 °C (212 °F)

- **Flash point:** Not applicable.

- **Flammability (solid, gaseous):** Not applicable.

- **Decomposition temperature:** Not determined.

- **Auto igniting:** Product is not selfigniting.

- **Danger of explosion:** Product does not present an explosion hazard.

- **Explosion limits:**

Lower:	Not determined.
Upper:	Not determined.

- **Vapor pressure at 20 °C (68 °F):** 23 hPa (17.3 mm Hg)

- **Density:** Not determined.

- **Relative density** Not determined.

- **Vapor density** Not determined.

- **Evaporation rate** Not determined.

- **Solubility in / Miscibility with**

Water:	Fully miscible.
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- **Partition coefficient (n-octanol/water):** Not determined.

- **Viscosity:**

Dynamic:	Not determined.
Kinematic:	Not determined.

- **Solvent content:**

Water:	50.0 %
VOC content:	0.00 %
	0.0 g/l / 0.00 lb/gl

- **Other information** No further relevant information available.

10 Stability and reactivity

- **Reactivity** No further relevant information available.

- **Chemical stability**

- **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

- **Possibility of hazardous reactions** No dangerous reactions known.

(Contd. on page 6)

Safety Data Sheet

acc. to OSHA HCS

Printing date 09/12/2018

Reviewed on 09/12/2018

Trade name: AAT-150

(Contd. of page 5)

- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

ATE (Acute Toxicity Estimate)

Inhalative	LC50/4 h	28,500 mg/l (rat)
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106-99-0 1,3-butadiene buta-1,3-diene

Oral	LD50	5,480 mg/kg (rat)
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Inhalative	LC50/4 h	285 mg/l (rat)
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- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
The product can cause inheritable damage.

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

106-99-0	1,3-butadiene buta-1,3-diene	1
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- **NTP (National Toxicology Program)**

106-99-0	1,3-butadiene buta-1,3-diene	K
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- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**

- **General notes:**

Water hazard class 3 (Self-assessment): extremely hazardous for water

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Danger to drinking water if even extremely small quantities leak into the ground.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

(Contd. on page 7)

US

Safety Data Sheet

acc. to OSHA HCS

Printing date 09/12/2018

Reviewed on 09/12/2018

Trade name: AAT-150

(Contd. of page 6)

- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

- | | |
|--|-----------------|
| · UN-Number | |
| · DOT, ADN, IMDG, IATA | not regulated |
| · UN proper shipping name | |
| · DOT, ADN, IMDG, IATA | not regulated |
| · Transport hazard class(es) | |
| · DOT, ADN, IMDG, IATA | |
| · Class | not regulated |
| · Packing group | |
| · DOT, IMDG, IATA | not regulated |
| · Environmental hazards: | Not applicable. |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| · UN "Model Regulation": | not regulated |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

- **TSCA (Toxic Substances Control Act):**

106-99-0	1,3-butadiene buta-1,3-diene
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7732-18-5	water, distilled, conductivity or of similar purity
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- **TSCA new (21st Century Act) (Substances not listed)**

9006-04-6	Natural rubber latex
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- **Proposition 65**

- **Chemicals known to cause cancer:**

106-99-0	1,3-butadiene buta-1,3-diene
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- **Chemicals known to cause reproductive toxicity for females:**

106-99-0	1,3-butadiene buta-1,3-diene
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(Contd. on page 8)

Safety Data Sheet

acc. to OSHA HCS

Printing date 09/12/2018

Reviewed on 09/12/2018

Trade name: AAT-150

(Contd. of page 7)

· Chemicals known to cause reproductive toxicity for males:	
106-99-0	1,3-butadiene buta-1,3-diene

· Chemicals known to cause developmental toxicity:	
106-99-0	1,3-butadiene buta-1,3-diene

· Carcinogenic categories		
· EPA (Environmental Protection Agency)		
106-99-0	1,3-butadiene buta-1,3-diene	CaH

· TLV (Threshold Limit Value established by ACGIH)		
106-99-0	1,3-butadiene buta-1,3-diene	A2

· NIOSH-Ca (National Institute for Occupational Safety and Health)	
106-99-0	1,3-butadiene buta-1,3-diene

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS08

- **Signal word** Danger

- **Hazard-determining components of labeling:**

1,3-butadiene buta-1,3-diene

- **Hazard statements**

May cause genetic defects.

May cause cancer.

- **Precautionary statements**

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wear protective gloves/protective clothing/eye protection/face protection.

IF exposed or concerned: Get medical advice/attention.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

- **National regulations:**

- **Additional classification according to Decree on Hazardous Materials:**

Carcinogenic hazardous material group III (dangerous).

- **Information about limitation of use:**

Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing SDS:** Technical Department

- **Contact:** Technical Director

(Contd. on page 9)

-US-

Safety Data Sheet

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Printing date 09/12/2018

Reviewed on 09/12/2018

Trade name: AAT-150

(Contd. of page 8)

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
BEI: Biological Exposure Limit
Muta. 1B: Germ cell mutagenicity – Category 1B
Carc. 1A: Carcinogenicity – Category 1A

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