



Technical Data Sheet [TDS]

AAT-383 Professional Outdoor Adhesive

AAT-383 is a waterproof, high strength, rubber resin based adhesive specifically formulated for the permanent installation of most outdoor carpets and artificial turfs. This adhesive provides an extremely tenacious bond to concrete, asphalt paving surfaces and other common sub-floors. AAT-383 tacks very rapidly, remaining tacky for an extended period, even during unfavorable weather conditions. This adhesive provides a secure bond in a few hours. AAT-383 has an extended working temperature range of 40° to 100°F. DO NOT USE INDOORS OR IN ENCLOSED AREAS.

Recommended for use with:

AAT-383 is designed for synthetic grass and outdoor carpets with the following backings:

1. Woven polypropylene
2. Rubber backings [Marine]
3. Jute
4. Needle-punch
5. Latex unitary

DANGER: EXTREMELY FLAMMABLE

FOR PROFESSIONAL USE ON OUTSIDE INSTALLATIONS ONLY! Flammable! Toxic! Vapors may ignite explosively. Prevent buildup of vapors. Use only with cross ventilation. Keep away from heat, sparks, and open flame. DO NOT smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors, and other sources of ignition during use and until all vapors are gone. Close container after use. KEEP OUT OF REACH OF CHILDREN. Harmful or fatal if swallowed. If swallowed, DO NOT induce vomiting. Call a physician immediately. Avoid breathing vapors. Avoid prolonged or repeated contact with skin or contact with eyes. Contains petroleum distillates. Flash point of this adhesive is over 20°F T.C.C.

AAT-383 Outdoor Carpet Adhesive can be used over the following sub-floors:

- Concrete above, on or below grade
- APA rated plywood underlayment
- Properly prepared gypsum cement
- Exterior: Marine grade plywood
- Asphalt paving [clean and fully cured]
- Fiberglass and Aluminum that are clean and have been lightly abraded to provide for a mechanical bond.

Sub-floors must be flat and structurally sound. The sub-floor should be flat within 3/16" in 10' or 1/8" in 6'. All paint, varnish, oil, wax, finishes and any other bond inhibiting substances must be removed. Smooth or glazed surfaces must be abraded. Repair all joints and cracks with the appropriate polyurethane or portland cement underlayment. Concrete sub-floors must be properly prepared according to the recommended practices detailed in the latest version of the document ASTM F-710. Never sand existing resilient flooring that could contain asbestos. Follow all Federal, State and Local regulations relating to the removal of in-place, asbestos containing material.

Note: Particleboard and OSB are **not** recommended underlayments. Strip or plank wood flooring, particleboard and OSB sub-floors should be covered with an approved plywood underlayment (minimum thickness of 1/4"). *This adhesive is not recommended for vinyl, urethane or expanded styrene carpet backings. This adhesive should not be used over asphalt roofing or treated wood.* AAT-383 cannot be used if adhesive removers, solvent or chemical cleaners have been used. Before beginning installations with backing systems or over sub-floors not listed contact AAT's Technical Services for recommendations. AAT Technical Services can be reached at 1(800)228-4583 or by email at techservice@aatglue.com. It is the sole responsibility of the applicator of this product to determine the suitability and compatibility of this product for their intended use. *If the provided preparation and application instructions are not followed, DO NOT USE AAT-383.*

Typical trowels and approximate coverages: [width x depth x space]

Woven polypropylene and rough backed carpets: 1/8" x 1/8" x 1/8" U-notch, 90-110 sq. ft./gal.

Needlepunch and smooth backed carpets: 3/32" x 3/32" x 3/32" V-notch, 110-120 sq. ft./gal.

The proper trowel notch will depend upon the sub-floor roughness and porosity, as well as, the texture of the backing. A larger notched trowel may be required to apply the appropriate quantity of adhesive. Maintain the proper trowel notch throughout the entire installation. Follow the flooring manufacturer's recommendations regarding the proper trowel notch to use.

Specific Technical Data:

- A. Extremely Flammable
- B. Base: synthetic rubber, resin blend
- C. Color: Light Tan, Off White
- D. VOCs g/l less water, less exempt solvents: 346
- E. Clean-up: Use AAT-197 Adhesive Remover to remove adhesive. Dried adhesive may be more difficult to remove; therefore, take care to remove adhesive from the surface of the flooring before it dries. DO NOT apply the solvent directly to the flooring material.
- F. Freeze-Thaw Stable -- For best results, do not allow to freeze.
- G. Shelf-Life: Minimum 12 months from date of manufacture in an un-opened container when stored at 70°F.
- H. Packaging: 4 gallon pails; 48 per pallet

Installation Recommendations:

Prior to the start of the installation the installer must determine that the job-site conditions meet or exceed all applicable standards of the floor covering manufacturer and AAT. AAT-383 is EXTREMELY FLAMMABLE and should be transported and stored in accordance with all local, state and federal regulations. AAT-383 is intended for professional use only.

1. Flooring materials and adhesive must be stored in a pre-heated building where room temperature should be no less than 65°F for a minimum of 24 hours before the installation begins. Adequate ventilation should be available at the installation site.
2. The sub-floor must be cleaned, free of dust, dirt, grease, wax, paint, oil, curing or parting agents, loose particles or any substance that may affect the bond.
3. Apply the adhesive with the appropriate trowel (see above.)
4. Allow approximately 10-15 minutes of open time before placing the flooring. Temperature, relative humidity, wind speed and substrate porosity will affect the tack and working time of the adhesive. Occasionally, lift the flooring to assure that a 100% adhesive transfer is achieved. Do not allow the adhesive to skin over before placing the flooring. If the adhesive skins over reapply adhesive before placing the flooring. Excessive air movement can accelerate the drying speed of the adhesive.
5. Seal seams and edges with an appropriate seam adhesive to prevent raveling and to maintain the appearance of the flooring. (i.e. AAT-125)
6. Lay floor covering into the adhesive as to minimize air bubbles and wrinkles.
7. Roll flooring with the appropriate three-section roller to ensure adequate adhesive transfer (50-75 lbs.) Roll from centers to edges, forcing out air pockets.

NOTE: We recommend installers follow the guidelines set forth in the latest version of the CRI's *Carpet Installation Standard - 104*. Before placing the carpet, the adhesive must be allowed an open or dwell time appropriate for the carpet backing, jobsite and sub-floor conditions. It is extremely important to maintain recommended notch depth, width and spacing. The proper notch depth is that which will produce adhesive ridges that affect a 100% transfer to both the substrate and the carpet backing to include the inner recesses of the texture of the back.

Printing date 02/18/2020

Reviewed on 02/18/2020

1 Identification

- **Product identifier**
- **Trade name: AAT-383 Professional Outdoor Adhesive**
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Advanced Adhesive Technologies, LLC.
424 S Spencer St
Dalton, GA 30721
Tel: 800-228-4583
Fax: 706-278-6207
- **Emergency telephone number:**
CHEMTREC USA +1 (800) 424-9300 & INTERNATIONAL +1 (703) 527-3887

2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

Flam. Liq. 2 H225 Highly flammable liquid and vapor.

.....



GHS08 Health hazard

Repr. 2 H361 Suspected of damaging fertility or the unborn child.
STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.
Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

.....



GHS07

Skin Irrit. 2 H315 Causes skin irritation.
STOT SE 3 H336 May cause drowsiness or dizziness.

.....

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



GHS02



GHS07



GHS08

- **Signal word** Danger
- **Hazard-determining components of labeling:**
heptane
toluene
- **Hazard statements**
Highly flammable liquid and vapor.
Causes skin irritation.
Suspected of damaging fertility or the unborn child.

(Contd. on page 2)

US

Safety Data Sheet

acc. to OSHA HCS

Printing date 02/18/2020

Reviewed on 02/18/2020

Trade name: AAT-383 Professional Outdoor Adhesive

(Contd. of page 1)

May cause drowsiness or dizziness.

May cause damage to organs through prolonged or repeated exposure.

May be fatal if swallowed and enters airways.

· **Precautionary statements**

Obtain special instructions before use.

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

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Ground/bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting/equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Do not breathe dust/fume/gas/mist/vapors/spray.

Wash thoroughly after handling.

Use only outdoors or in a well-ventilated area.

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

If swallowed: Immediately call a poison center/doctor.

Specific treatment (see on this label).

Do NOT induce vomiting.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF exposed or concerned: Get medical advice/attention.

Call a poison center/doctor if you feel unwell.

Get medical advice/attention if you feel unwell.

Take off contaminated clothing and wash it before reuse.

If skin irritation occurs: Get medical advice/attention.

In case of fire: Use for extinction: CO₂, powder or water spray.

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

Store in a well-ventilated place. Keep cool.

Store locked up.

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

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



Health = 1

Fire = 3

Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**



HEALTH 1 Health = 1

FIRE 3 Fire = 3

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.

(Contd. on page 3)

Safety Data Sheet

acc. to OSHA HCS

Printing date 02/18/2020

Reviewed on 02/18/2020

Trade name: AAT-383 Professional Outdoor Adhesive

(Contd. of page 2)

· Dangerous components:		
142-82-5	heptane	25.0%
108-88-3	toluene	15.0%

4 First-aid measures

- **Description of first aid measures**
- **General information:**
Immediately remove any clothing soiled by the product.
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.
- **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:** 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:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture**
During heating or in case of fire poisonous gases are produced.
- **Advice for firefighters**
- **Protective equipment:** Mouth respiratory protective device.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Mount respiratory protective device.
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** 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.
- **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.

(Contd. on page 4)

US

Safety Data Sheet

acc. to OSHA HCS

Printing date 02/18/2020

Reviewed on 02/18/2020

Trade name: AAT-383 Professional Outdoor Adhesive

(Contd. of page 3)

· Protective Action Criteria for Chemicals

· PAC-1:		
142-82-5	heptane	500 ppm
108-88-3	toluene	67 ppm
· PAC-2:		
142-82-5	heptane	830 ppm
108-88-3	toluene	560 ppm
· PAC-3:		
142-82-5	heptane	5000* ppm
108-88-3	toluene	3700* ppm

7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care.
Prevent formation of aerosols.
- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Keep respiratory protective device available.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Keep receptacle tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
- **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:	
142-82-5 heptane	
PEL	Long-term value: 2000 mg/m ³ , 500 ppm
REL	Long-term value: 350 mg/m ³ , 85 ppm Ceiling limit value: 1800* mg/m ³ , 440* ppm *15-min
TLV	Short-term value: 2050 mg/m ³ , 500 ppm Long-term value: 1640 mg/m ³ , 400 ppm
108-88-3 toluene	
PEL	Long-term value: 200 ppm Ceiling limit value: 300; 500* ppm *10-min peak per 8-hr shift

(Contd. on page 5)

Safety Data Sheet

acc. to OSHA HCS

Printing date 02/18/2020

Reviewed on 02/18/2020

Trade name: **AAT-383 Professional Outdoor Adhesive**

(Contd. of page 4)

REL	Short-term value: 560 mg/m ³ , 150 ppm Long-term value: 375 mg/m ³ , 100 ppm
TLV	Long-term value: 75 mg/m ³ , 20 ppm
	BEI

· **Ingredients with biological limit values:**

108-88-3 toluene

BEI	0.02 mg/L Medium: blood Time: prior to last shift of workweek Parameter: Toluene
	0.03 mg/L Medium: urine Time: end of shift Parameter: Toluene
	0.3 mg/g creatinine Medium: urine Time: end of shift Parameter: o-Cresol with hydrolysis (background)

· **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.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Store protective clothing separately.
Avoid contact with the skin.
Avoid contact with the eyes and skin.

· **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.

(Contd. on page 6)

US

Safety Data Sheet

acc. to OSHA HCS

Printing date 02/18/2020

Reviewed on 02/18/2020

Trade name: AAT-383 Professional Outdoor Adhesive

(Contd. of page 5)

· Eye protection:



Tightly sealed goggles

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:	98 °C (208.4 °F)

· Flash point: -4 °C (-39.2 °F)

· Flammability (solid, gaseous): Not applicable.

· Decomposition temperature: Not determined.

· Auto igniting: Product is not selfigniting.

· Danger of explosion: Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

· Explosion limits:

Lower:	1.1 Vol %
Upper:	7 Vol %

· Vapor pressure at 20 °C (68 °F): 48 hPa (36 mm Hg)

· Density: Not determined.

· Relative density: Not determined.

· Vapor density: Not determined.

· Evaporation rate: Not determined.

· Solubility in / Miscibility with

Water: Not miscible or difficult to mix.

· Partition coefficient (n-octanol/water): Not determined.

· Viscosity:

Dynamic:	Not determined.
Kinematic:	Not determined.

· Solvent content:

Organic solvents:	40.0 %
VOC content:	40.00 %
	400.0 g/l / 3.34 lb/gal

(Contd. on page 7)

US

Safety Data Sheet

acc. to OSHA HCS

Printing date 02/18/2020

Reviewed on 02/18/2020

Trade name: AAT-383 Professional Outdoor Adhesive

(Contd. of page 6)

· **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.
- **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)

Oral	LD50	33,333 mg/kg (rat)
------	------	--------------------

108-88-3 toluene

Oral	LD50	5,000 mg/kg (rat)
Dermal	LD50	12,124 mg/kg (rabbit)
Inhalative	LC50/4 h	5,320 mg/l (mouse)

· **Primary irritant effect:**

- **on the skin:** Irritant to skin and mucous membranes.
- **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:
Irritant

· **Carcinogenic categories**

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

9003-55-8	KRATON D1101	3
108-88-3	toluene	3

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

-US

(Contd. on page 8)

Printing date 02/18/2020

Reviewed on 02/18/2020

Trade name: AAT-383 Professional Outdoor Adhesive

(Contd. of page 7)


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 2 (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **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.

14 Transport information

- | | |
|---|--|
| <ul style="list-style-type: none"> · UN-Number · DOT, IMDG, IATA | UN1133 |
| <ul style="list-style-type: none"> · UN proper shipping name · DOT · IMDG · IATA | Flammable Adhesive, n.o.s. (Heptanes, Toluene)
FLAMMABLE ADHESIVE, N.O.S. (HEPTANES, TOLUENE), MARINE POLLUTANT
FLAMMABLE ADHESIVE, N.O.S. (HEPTANES, TOLUENE) |
| <ul style="list-style-type: none"> · Transport hazard class(es) · DOT | |
| <div style="text-align: center;">  </div> <ul style="list-style-type: none"> · Class | 3 Flammable liquids |

(Contd. on page 9)

Safety Data Sheet




acc. to OSHA HCS

Printing date 02/18/2020

Reviewed on 02/18/2020

Trade name: AAT-383 Professional Outdoor Adhesive

(Contd. of page 8)

· Label	3
· IMDG	
 	
· Class	3 Flammable liquids
· Label	3
· IATA	
	
· Class	3 Flammable liquids
· Label	3
· Packing group	
· DOT, IMDG, IATA	II
· Environmental hazards:	Product contains environmentally hazardous substances: heptane
· Marine pollutant:	Symbol (fish and tree)
· Special precautions for user	Warning: Flammable liquids
· Danger code (Kemler):	33
· EMS Number:	F-E,S-E
· Stowage Category	B
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
· DOT	
· Quantity limitations	On passenger aircraft/rail: 5 L On cargo aircraft only: 60 L
· IMDG	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· UN "Model Regulation":	UN 1133 FLAMMABLE ADHESIVE, N.O.S. (HEPTANES, TOLUENE), 3, II, ENVIRONMENTALLY HAZARDOUS

15 Regulatory information

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

· TSCA (Toxic Substances Control Act):

All components have the value ACTIVE.

(Contd. on page 10)

US

Safety Data Sheet

acc. to OSHA HCS

Printing date 02/18/2020

Reviewed on 02/18/2020

Trade name: AAT-383 Professional Outdoor Adhesive

(Contd. of page 9)

· Hazardous Air Pollutants	
108-88-3	toluene

· Proposition 65	
None of the ingredients is listed.	

· Chemicals known to cause cancer:	
None of the ingredients is listed.	

· Chemicals known to cause reproductive toxicity for females:	
None of the ingredients is listed.	

· Chemicals known to cause reproductive toxicity for males:	
None of the ingredients is listed.	

· Chemicals known to cause developmental toxicity:	
108-88-3	toluene

· Carcinogenic categories		
· EPA (Environmental Protection Agency)		
142-82-5	heptane	D
108-88-3	toluene	II

· TLV (Threshold Limit Value established by ACGIH)		
108-88-3	toluene	A4

· NIOSH-Ca (National Institute for Occupational Safety and Health)	
None of the ingredients is listed.	

· GHS label elements		
The product is classified and labeled according to the Globally Harmonized System (GHS).		
· Hazard pictograms		
		
GHS02	GHS07	GHS08
· Signal word Danger		
· Hazard-determining components of labeling:		
heptane		
toluene		
· Hazard statements		
Highly flammable liquid and vapor.		
Causes skin irritation.		
Suspected of damaging fertility or the unborn child.		
May cause drowsiness or dizziness.		
May cause damage to organs through prolonged or repeated exposure.		
May be fatal if swallowed and enters airways.		
· Precautionary statements		
Obtain special instructions before use.		
Do not handle until all safety precautions have been read and understood.		
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.		
Ground/bond container and receiving equipment.		
Use explosion-proof electrical/ventilating/lighting/equipment.		
Use only non-sparking tools.		
Take precautionary measures against static discharge.		
Do not breathe dust/fume/gas/mist/vapors/spray.		



(Contd. on page 11)

Safety Data Sheet

acc. to OSHA HCS

Printing date 02/18/2020

Reviewed on 02/18/2020

Trade name: AAT-383 Professional Outdoor Adhesive

(Contd. of page 10)

Wash thoroughly after handling.
 Use only outdoors or in a well-ventilated area.
 Wear protective gloves/protective clothing/eye protection/face protection.
 If swallowed: Immediately call a poison center/doctor.
 Specific treatment (see on this label).
 Do NOT induce vomiting.
 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 IF exposed or concerned: Get medical advice/attention.
 Call a poison center/doctor if you feel unwell.
 Get medical advice/attention if you feel unwell.
 Take off contaminated clothing and wash it before reuse.
 If skin irritation occurs: Get medical advice/attention.
 In case of fire: Use for extinction: CO₂, powder or water spray.
 Store in a well-ventilated place. Keep container tightly closed.
 Store in a well-ventilated place. Keep cool.
 Store locked up.
 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **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
- **Abbreviations and acronyms:**
 - 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
 - Flam. Liq. 2: Flammable liquids – Category 2
 - Skin Irrit. 2: Skin corrosion/irritation – Category 2
 - Repr. 2: Reproductive toxicity – Category 2
 - STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
 - STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
 - Asp. Tox. 1: Aspiration hazard – Category 1