



## Safety data sheet according to Regulation (EC) No. 1907/2006, Annex II

### Section 1: Identification of the substance/mixture and of the company

#### 1.1 Product identifier:

Trade name: Ampacoll® Airmax

Article number: 7640115536266

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

Application of the substance / the mixture: Glue/ Sising agent

#### 1.3 Details of the supplier of the safety data sheet

##### Manufacturer/Supplier:

##### Headquarter Switzerland:

Ampack AG

Seebleichstrasse 50

CH-9401 Rorschach

Tel: +41 (0)71 858 38 00 / Fax: +41 (0)71 858 38 37

[ampack@ampack.ch](mailto:ampack@ampack.ch)

##### Contact address, EU:

Ampack Handels GmbH

Wiedengasse 25

A-6840 Götzis

Tel. +43/ 5523/ 53 433

Fax. +43/ 5523/ 53 426

##### Further information obtainable from:

Ampack AG

Seebleichstrasse 50

CH-9401 Rorschach

Tel: +41 (0)71 858 38 00 / Fax: +41 (0)71 858 38 37

[ampack@ampack.ch](mailto:ampack@ampack.ch)



## 1.4 Emergency telephone number

### CH:

+41/ 71/ 858 38 00 (Mo – Fr) 08.00-11.30 AM / 2.00-4.00 PM)  
145 (Poison Control Centre) from Switzerland

### EU:

+43/ 5523/ 53433 (Mo – Fr) 08.00-11.30 AM/ 2.00-4.00 PM)  
+41/ 44/ 251 51 51 (Poison Control Centre) from abroad

## 2 Section 2: Possible hazards

### 2.1 Classification of the substance or mixture

#### 2.1.1 Classification according to Regulation (EC) No. 1272/2008 (CLP)

Flam. Aerosol 1	H222-H229	Extremely flammable aerosol. Pressurised container: May burst if heated.
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.
Aquatic Chronic 2	H411	Toxic to aquatic life with long lasting effects.
Skin Irrit. 2	H315	Causes skin irritation.
STOT SE 3	H336	May cause drowsiness or dizziness.

#### 2.1.2 Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Xi; Irritant

R38: Irritating to skin.

F+; Extremely flammable

R12: Extremely flammable.

N; Dangerous for the environment

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R67: Vapours may cause drowsiness and dizziness.

#### Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Warning! Pressurised container.

#### Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

## 2.2 Label elements

### 2.2.1 Labelling according to Regulation (EC) No 1272/2008 (CLP)

The product is classified and labelled according to the CLP regulation.

### 2.2.2 Hazard pictograms



### 2.2.3 Signal word

Danger

### 2.2.4 Contains

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics, Naphtha (petroleum), hydrotreated light, butanone, Naphtha (petroleum), hydrodesulfurized heavy.

### 2.2.5 Hazard statements

H222-H229	Extremely flammable aerosol. Pressurised container: May burst if heated.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.
H304	May be fatal if swallowed and enters airways.
H411	Toxic to aquatic life with long lasting effects.

### 2.2.6 Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P251	Do not pierce or burn, even after use.
P260	Do not breathe mist.
P211	Do not spray on an open flame or other ignition source.
P271	Use only outdoors or in a well-ventilated area.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P331	Do NOT induce vomiting.
P302+P352	IF ON SKIN: Wash with plenty of water.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P403	Store in a well-ventilated place.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.



## 2.2.7 Other hazards

### Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

## 3 SECTION 3: Composition/information on ingredients

### 3.1 Mixtures

Description: Active substance with propellant

### 3.2 Dangerous components

CAS: 115-10-6 EINECS: 204-065-8 Reg.nr.: 01-2119472128-37-xxxx	dimethyl ether F+ R12 Flam. Gas 1, H220; Press. Gas C, H280	30 - <50%
EG number: 927-510-4 Reg.nr.: 01-2119475515-33-xxxx	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics Xn R65; Xi R38; F R11; N R51/53 R67 Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336	30 - <50%
CAS: 64742-49-0 EINECS: 265-151-9 Reg.nr.: 01-2119475133-43-xxxx	Naphtha (petroleum), hydrotreated light Xn R65; Xi R38; F R11; N R51/53 R67 Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336	20 - <30%
CAS: 78-93-3 EINECS: 201-159-0 Reg.nr.: 01-2119457290-43-xxxx	butanone Xi R36; F R11 R66-67 Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	1 - <5%
CAS: 64742-82-1 EINECS: 265-185-4 Reg.nr.: 01-2119458049-33-xxxx	Naphtha (petroleum), hydrodesulfurized heavy Xn R65; N R51/53 R10-66-67 Flam. Liq. 3, H226; STOT RE 1, H372; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H336	1 - <5%

### 3.3 Additional information

For the wording of the listed risk phrases refer to section 16.

## 4 SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information:

Take affected persons out of danger area and lay down.

#### After inhalation:

In case of unconsciousness place patient stably in side position for transportation.

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.



#### **After skin contact:**

Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

#### **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

#### **After swallowing:**

Do not induce vomiting; call for medical help immediately.

### **4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

**Information for doctor:** No further relevant information available.

**Hazards:** No further relevant information available.

### **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

## **5 SECTION 5: Firefighting measures**

### **5.1 Extinguishing media**

#### **Suitable extinguishing agents:**

- Water haze
- Water
- Carbon dioxide
- Alcohol resistant foam

**For safety reasons unsuitable extinguishing agents:** Water with full jet

### **5.2 Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.

### **5.3 Advice for firefighters**

**Protective equipment:** Wear self-contained respiratory protective device.

## **6 SECTION 6: Accidental release measures**

### **6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

### **6.2 Environmental precautions**

- Do not allow product to reach sewage system or any water course.
- Inform respective authorities in case of seepage into water course or sewage system.
- Do not allow to enter sewers/ surface or ground water.

### **6.3 Methods and material for containment and cleaning up**

Ensure adequate ventilation.



## 6.4 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 SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

#### Information about fire - and explosion protection:

- Keep ignition sources away - Do not smoke.
- Protect against electrostatic charges.
- Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.
- Do not spray onto a naked flame or any incandescent material.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Storage:

#### Requirements to be met by storerooms and receptacles:

Store in a cool location.

Observe official regulations on storing packagings with pressurised containers.

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

#### Further information about storage conditions:

Keep container tightly sealed.

Do not seal receptacle gas tight.

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

### 7.3 Specific end use(s)

No further relevant information available.



## 8 SECTION 8: Exposure controls/personal protection

### Additional information about design of technical facilities:

No further data; see item 7.

### 8.1 Control parameters

<b>Ingredients with limit values that require monitoring at the workplace:</b>	
<b>115-10-6 dimethyl ether</b>	
WEL	Short-term value: 958 mg/m <sup>3</sup> , 500 ppm Long-term value: 766 mg/m <sup>3</sup> , 400 ppm
<b>78-93-3 butanone</b>	
WEL	Short-term value: 899 mg/m <sup>3</sup> , 300 ppm Long-term value: 600 mg/m <sup>3</sup> , 200 ppm Sk, BMGV
<b>Ingredients with biological limit values:</b>	
<b>78-93-3 butanone</b>	
MBGW	70 µmol/L Medium: urine Sampling time: post shift Parameter: butan-2-one

**Additional information:** The lists valid during the making were used as basis.

### 8.2 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.

Do not inhale gases / fumes / aerosols.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

#### Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Filter AX/P2

## Protection of hands:



### Protective gloves

Solvent resistant gloves

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves:** Nitrile rubber, NBR

**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

**Body protection:** Protective work clothing

## 9 SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General Information

Appearance:

Form:	Aerosol
Colour:	According to product specification
Odour:	Characteristic
Odour threshold:	Not determined.
pH-value:	Not determined.
Melting point/Melting range:	Not determined.
Boiling point/Boiling range:	-24 °C
Flash point:	-42 °C
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	200 °C
Decomposition temperature:	Not determined.
Self-igniting:	Product is not selfigniting.



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

Explosion limits:

Lower:	0,6 Vol %
Upper:	18,6 Vol %
Vapour pressure at 20 °C:	5200 hPa
Density at 20 °C:	0,73 g/cm <sup>3</sup>
Relative density:	Not determined.
Vapour density:	Not determined.
Evaporation rate:	Not applicable.
Solubility in / Miscibility with water:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/water):	Not determined.
<b>Viscosity:</b>	
Kinematic:	Not determined.
<b>Solvent content:</b>	
VOC (EU):	616,0 g/l
VOC (EU):	84,90 %

## 9.2 Other information

No further relevant information available.

## 10 SECTION 10: Stability and reactivity

### 10.1 Reactivity

### 10.2 Chemical stability

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

No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions:** No dangerous reactions known

**10.4 Conditions to avoid:** No further relevant information available.

**10.5 Incompatible materials:** No further relevant information available.

**10.6 Hazardous decomposition products:** No dangerous decomposition products known



## 11 SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity:

LD/LC50 values relevant for classification:		
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics		
Oral	LD50	> 5840 mg/kg (rat)
Dermal	LD50	> 2920 mg/kg (rabbit)
Inhalative	LC50/4 h	23.3 mg/L (rat)
64742-49-0 Naphtha (petroleum), hydrotreated light		
Oral	LD50	> 2000 mg/kg (rat)
Dermal	LD50	> 2000 mg/kg (rabbit)
Inhalative	LC50/4 h	> 5 mg/L (rat)
64742-82-1 Naphtha (Erdöl), hydrodesulfurierte schwere		
Oral	LD50	> 5000 mg/kg (rat)
Dermal	LD50	> 3160 mg/kg (rabbit)

#### Primary irritant effect:

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

**on the eye:** No irritating effect.

**Sensitisation:** No sensitising effects known.

#### Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Irritant

## 12 SECTION 12: Ecological information

### 12.1 Toxicity

Aquatic toxicity:	
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	
EC50/48 h	3 mg/L (daphnia magna)
LC50/96 h	> 13,4 mg/L (fish)
64742-49-0 Naphtha (petroleum), hydrotreated light	
EC50/48 h	36 mg/L (fish)
EC50/72 h	30 mg/L (pseudokirchneriella subcapit.)
64742-82-1 Naphtha (petroleum), hydrodesulfurized heavy	
NOEC/21 d	0,097 mg/L (daphnia magna)



## 12.2 Persistence and degradability

No further relevant information available

## 12.3 Bioaccumulative potential

No further relevant information available

## 12.4 Mobility in soil

No further relevant information available

### Ecotoxicological effects:

**Remark:** Toxic for fish.

### Other information:

This product contains no substances in Annex I to Directive EC 1005/2009 concerning ozone depleting substances

### Additional ecological information:

#### General notes:

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.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

## 12.5 Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

## 12.6 Other adverse effects

No further relevant information available.

## 13 SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Recommendation:

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

#### Uncleaned packaging:

**Recommendation:** Disposal must be made according to official regulations.

## 14 SECTION 14: Transport information

### 14.1 UN-Number

ADR, IMDG, IATA UN1950

### 14.2 UN proper shipping name

ADR UN1950 AEROSOLS, ENVIRONMENTAL LY HAZARDOUS

IMDG AEROSOLS (Hydrocarbons, C7, n-alkanes, isoalkanes, cycl ics, Naphtha (pet roleum), hydrotreated light), MARINE POLLUTANT

IATA AEROSOLS, flammable

### 14.3 ansport hazard class(es)

ADR



Class 2 5F Gases  
Label 2.1

IMDG



Class 2.1  
Label 2.1

IATA



Class 2.1  
Label 2.1



#### 14.4 Packing group

ADR, IMDG, IATA void

#### 14.5 Environmental hazards

Product contains environmentally hazardous substances: Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

Marine pollutant: YES  
Symbol (fish and tree)  
Special marking (ADR): Symbol (fish and tree)

#### 14.6 Special precautions for user

Warning: Gases  
Danger code (Kemler): -  
EMS Number: F-D, S-U

#### 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

#### 14.8 Transport/Additional information:

##### 14.8.1 ADR

Limited quantities (LQ) 1L  
Excepted quantities (EQ) Code: E0  
Not permitted as Excepted Quantity  
Transport category 2  
Tunnel restriction code D  
Remarks: - Special provisions: 190, 327, 344, 625 (3.3)  
- Special provisions for carriage: V14 (7.2.4); CV9, CV12 (7.5.11);  
S2 (8.5)

##### 14.8.2 IMDG

Limited quantities (LQ) 1L  
Excepted quantities (EQ) Code: E0  
Not permitted as Excepted Quantity  
Remarks: - Special provisions: 63, 190, 277, 327, 344, 959 (3.3)  
- Stowage and segregation: Protected from sources of heat.  
For 1950 AEROSOLS with a maximum capacity of 1 litre:  
Category A. Segregation as for class 9 but "Separated from" class 1  
except division 1.4.

##### 14.8.3 IATA

Remarks: - Special provisions: A145, A167, A802 (4.4)

**UN "Model Regulation":** UN1950, AEROSOLS, ENVIRONMENTALLY HAZARDOUS, 2.1



## 15 SECTION 15: Regulatory information

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

Directive 1999/45/EC.

"CLP" Regulation (EC) No 1272/2008 (OJ L 353, 31.12.2008, p.1).

"CHIP" SI 2009 No.716.

"REACH" Regulation (EC) No 1907/2006 (OJ L 396, 30.12.2006, p.1, with subsequent amendments).

**National regulations:**

**Other regulations, limitations and prohibitive regulations:**

**Substances of very high concern (SVHC) according to REACH, Article 57 Not applicable**

### 15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

## 16 SECTION 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.

### Relevant phrases

H220	Extremely flammable gas.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H372	Causes damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
R10	Flammable.
R11	Highly flammable.
R12	Extremely flammable.
R36	Irritating to eyes.
R38	Irritating to skin.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.



### 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
IATA:	International Air Transport Association
GHS:	Globally Harmonised System of Classification and Labelling of Chemicals
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)
VOC:	Volatile Organic Compounds (USA, EU)
LC50:	Lethal concentration, 50 percent
LD50:	Lethal dose, 50 percent
SVHC:	Substances of Very High Concern
vPvB:	very Persistent and very Bioaccumulative
Flam. Gas 1:	Flammable gases, Hazard Category 1
Flam. Aerosol 1:	Flammable aerosols, Hazard Category 1
Press. Gas C:	Gases under pressure: Compressed gas
Flam. Liq. 2:	Flammable liquids, Hazard Category 2
Flam. Liq. 3:	Flammable liquids, Hazard Category 3
Skin Irrit. 2:	Skin corrosion/irritation, Hazard Category 2
Eye Irrit. 2:	Serious eye damage/eye irritation, Hazard Category 2
STOT SE 3:	Specific target organ toxicity - Single exposure, Hazard Category 3
STOT RE 1:	Specific target organ toxicity - Repeated exposure, Hazard Category 1
STOT RE 2:	Specific target organ toxicity - Repeated exposure, Hazard Category 2
Asp. Tox. 1:	Aspiration hazard, Hazard Category 1
Aquatic Chronic 2:	Hazardous to the aquatic environment - Chronic Hazard, Category 2

\* **Data compared to the previous version altered.**