

Safety Data Sheet

according to 1907/2006/EG, Article 31

A092023

TAPES

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SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

- Trade name: ADHESIVE PRIMER P-20 AF
- UFI: 7WV0-20S1-A003-PYFA

1.2 Relevant identified uses of the substance or mixture and uses, which are advised against

- Use sector SU19 Construction
- Product category PC9a Coatings and paints, thinners, paint removers.

1.3 Details of the supplier providing the safety data sheet

- Manufacturer/Supplier:
1A Tapes GmbH
Mittelstraße 9
07554 Korbußen

Informing department:

E-mail: info@1atapes.de
Tel: +49 36602 2891-00 (Mon - Thurs: 08:00 - 16:00, Fri: 08:00 - 14:30)

1.4 Emergency number:

Emergency number Tel: +49 36602 2891-00
This number is only manned during office hours.

ABSCHNITT 2: Mögliche Gefahren

2.1 Classification of the substance or mixture

- Classification according to Regulation (EC) No 1272/2008



GHS02 Flame

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



GHS07

Eye Irrit. 2 H319 Causes severe eye irritation.
STOT SE 3 H336 May cause drowsiness and dizziness.

2.2 Label elements

- Labeling according to Regulation (EC) No. 1272/2008
The product is classified and labeled according to the CLP regulation.
- Hazard pictograms



GHS02 GHS07

- Signal word Danger
- Hazard-determining components of labeling: ethyl acetate, butanone

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Trade name: ADHESIVE PRIMER P-20 AF

Hazard statements

- H225 Highly flammable liquid and vapor.
- H319 Causes severe eye irritation.
- H336 May cause drowsiness and dizziness.

Safety advice

- P210** Keep away from heat, hot surfaces, sparks, open flames and other sources of ignition. Do not smoke.
- P241** Use explosion-proof [electrical/ventilation/lighting] equipment.
- P303+P361+P353** IF IN CONTACT WITH SKIN (or hair): Remove all contaminated clothing immediately. Wash skin with water [or shower].
- P305+P351+P338** IF IN EYES: Rinse cautiously with water for several minutes. Remove any contact lenses if possible. Continue to rinse.
- P405** Keep locked up.
- P501** Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

ABSCHNITT 3: Zusammensetzung/Angaben zu Bestandteilen

3.2 Chemical characterization: Mixtures

- Description: Mixture of the following substances with non-hazardous admixtures.

Hazardous ingredients:		
CAS: 141-78-6 EINECS: 205-500-4 Index number: 607-022-00-5	Ethylacetat Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	25-50%
CAS: 78-93-3 EINECS: 201-159-0 Index number: 606-002-00-3	Butanon Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	≥20-≤25%
CAS: 100-41-4 EINECS: 202-849-4 Index number: 601-023-00-4	Ethylbenzol Flam. Liq. 2, H225 Acute Tox. 4, H332	2,5-10%

Additional information: Refer to Section 16 for the wording of the listed hazard statements.

SECTION 4: First aid measures

4.1 Description of first aid measures

- After inhalation: fresh air supply, in case of complaints consult a doctor.
- After skin contact: In general, the product is not irritating to the skin.
- After eye contact: Rinse opened eye for several minutes under running water. Consult a doctor if symptoms persist.
- After ingestion: Consult a physician if symptoms persist.

4.2 Most important symptoms and effects, both acute and delayed

- No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed.

- No further relevant information available.

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SECTION 5: Fire fighting measures

5.1 Extinguishing media

- Suitable extinguishing media: CO₂, sand, extinguishing powder. Do not use water.
- Unsuitable extinguishing media for safety reasons: Water in full jet.

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for fire-fighters

- Special protective equipment: No special measures required.

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 to enter drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomaceous earth, acid binders, universal binders, sawdust).

Provide adequate ventilation.

Do not wash away with water or aqueous cleaning agents.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protective equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Protective measures for safe handling

Ensure good ventilation/exhaustion at the workplace.

Avoid formation of aerosols.

- Advice on protection against fire and explosion:

Keep ignition sources away - do not smoke.

Take measures against electrostatic charging.

7.2 Conditions for safe storage, taking into account incompatibilities.

- Storage: Requirements to be met by storerooms and receptacles: Store in a cool place.

- Information on storage in one common storage facility: Not required.

- Further information about storage conditions: Keep containers tightly closed.

Store in a cool, dry place in tightly closed containers.

- Storage class:

-Classification according to the Ordinance on Industrial Safety and Health (BetrSichV): Flammable liquids

7.3 Specific end uses

No further relevant information available.

SECTION 8: Exposure controls/personal protective equipment

8.1 Parameters to be monitored

- Additional information on the design of technical systems:

No further information, see section 7.

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Components with limit values that require monitoring at the workplace:	
CAS: 141-78-6 Ethylacetat (25-50%)	
AGW	Long-term value: 730 mg/m ³ , 200 ml/m ³ 2(I);DFG, EU, Y
CAS: 78-93-3 Butanon (≥20-≤25%)	
AGW	Long-term value: 600 mg/m ³ , 200 ml/m ³ 1(I);DFG, EU, H, Y
CAS: 100-41-4 Ethylbenzol (2,5-10%)	
AGW	Long-term value: 88 mg/m ³ , 20 ml/m ³ 2(II);DFG, H, Y, EU
Components with biological limits:	
CAS: 78-93-3 Butanon (≥20-≤25%)	
BGW	2 mg/l Test material: urine Sampling time: end of exposure or end of shift Parameter: 2-Butanone
CAS: 100-41-4 Ethylbenzol (2,5-10%)	
BGW	250 mg/g creatinine Test material: urine Sampling time: end of exposure or end of shift Parameter: Mandelic acid plus phenoxyglyxyl acid

Additional notes: The lists valid at the time of preparation were used as a basis.

8.2 Exposure controls

- Personal protective equipment:

- General protective and hygienic measures:

Keep away from food, drink and animal feeding stuffs.

Immediately remove contaminated, soaked clothing.

Wash hands before breaks and at the end of work.

Avoid contact with eyes.

Avoid contact with eyes and skin.

- Respiratory protection:

In case of short or low exposure, respiratory filter device; in case of intensive or prolonged exposure use self-contained breathing apparatus.

- Hand protection:

Use chemical resistant gloves based on butyl rubber with a minimum thickness of 0.7 mm and a permeability of at least 30 minutes according to EN 374.

Check before use.

Take gloves neatly, without touching the outside with bare hands.

Dispose of used gloves immediately according to the rules.

Wash and dry hands.

- Eye protection:



Tight fitting safety glasses

Trade name: ADHESIVE PRIMER P-20 AF

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties****General information****- Appearance:****Form:**

Liquid

Color:

According to product name

- Odor:

Characteristic

- Odor threshold:

Not determined.

- pH:

Mixture is non-polar/aprotic.

- Change in condition**Melting point/Freezing point:**

Not determined.

initial boiling point and boiling range:

77-78 °C

- Flash point:

-4 °C

- Flammability (solid, gas):

Highly flammable.

- Ignition temperature:

430 °C

- Decomposition temperature:

Not determined.

- Auto-ignition temperature:

The product is not self-igniting.

- Explosive properties:

The product is not explosive, but formation of explosive vapor/air mixtures is possible.

- Explosion limits:**Lower:**

1.8 vol %

Upper:

11.5 % by volume

- Vapor pressure at 20 °C:

105 hPa

- Density at 20 °C:0.886 g/cm³**- Relative density**

Not determined.

- Vapor density

Not determined.

- Evaporation rate

Not determined.

- Solubility in / Miscibility with Water:

Not or slightly miscible.

- Partition coefficient: n-octanol/water:

Not determined.

- Viscosity:**Dynamic:**

Not determined.

Kinematic:

Not determined.

- Solvent Content:**Organic solvents:**

76.6 %

VOC (EU)

76.56 %

Solids content:

23.4 %

9.2 Other information No further relevant information available.**SECTION 10: Stability and reactivity****10.1 Reactivity** No further relevant information available.**10.2 Chemical stability**

- Thermal decomposition / conditions to be avoided:

No decomposition if used as directed.

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 hazardous decomposition products known.

Trade name: ADHESIVE PRIMER P-20 AF

SECTION 11: Toxicological information

11.1 Information on toxicological effects

- **Acute toxicity** Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:		
ATE (Acute Toxicity Estimate)		
Inhalation	LC50/4 h	114 mg/l

Primary irritant effect:

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.

- **Serious eye damage/irritation**

Causes severe eye irritation.

- **Respiratory/skin sensitization**

Based on available data, the classification criteria are not met.

- **Additional toxicological information:**

- **CMR effects (carcinogenic, mutagenic and toxic for reproduction).**

- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.

- **Carcinogenicity** Based on available data, the classification criteria are not met.

- **Reproductive toxicity** Based on available data, the classification criteria are not met.

- **Specific target organ toxicity (single exposure)**

May cause drowsiness and dizziness.

- **Specific target organ toxicity in case of repeated exposure**

Based on available data, the classification criteria are not met.

- **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Environmental information

12.1 Toxicity

- **Aquatic toxicity:** No further relevant information available.

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.

- **Further ecological information:**

- **General information:**

Water hazard class 2 (Self-assessment): clearly hazardous for water.

Do not allow to enter ground water, water courses or sewage system.

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

12.5 Results of PBT and vPvB assessment

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Notes on disposal

- 13.1 Waste treatment method

- **Recommendation:** Must not be disposed of together with household waste. Do not allow to enter drains.

- **Uncleaned packaging:**

- **Recommendation:** Dispose of in accordance with official regulations.

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Trade name: ADHESIVE PRIMER P-20 AF

SECTION 14: Transport information

14.1 UN number

- ADR, IMDG, IATA

UN1263

14.2 UN proper shipping name

- ADR

PAINT

- IMDG, IATA

PAINT

14.3 Transport hazard classes

- ADR, IMDG, IATA



- Class

3 Flammable liquids

- Hazard label

3

14.4 Packing group

- ADR, IMDG, IATA

II

14.5 Environmental hazards:

Not applicable.

14.6 Special precautions for the user

Caution: Flammable liquid.

- Hazard identification number (Kemler-number):

33

- EMS number:

F-E,S-E

- Stowage Category

B

14.7 Transport in bulk according to Annex II of the MARPOL Convention and according to the IBC Code

Not applicable.

- Transport/further information:

- ADR

- Limited Quantity (LQ)

5L

- Excepted Quantities (EQ)

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

2

- Transport category

D/E

- Tunnel restriction code

- IMDG

- Limited quantities (LQ)

5L

- Excepted quantities (EQ)

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

55.0

- UN Model Regulation:

UN 1263 COLOR, 3, II

Trade name: **ADHESIVE PRIMER P-20 AF**

SECTION 14: Transport information

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

- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients are included.
- **Seveso category** P5c FLAMMABLE LIQUIDS
- **Quantity threshold (in tonnes) for use in lower tier establishments** 5,000 t
- **Quantity threshold (in tons) for use in upper-tier establishments** 50,000 t
- **REGULATION (EC) No 1907/2006 ANNEX XVII Restriction conditions:** 3

Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and Electronic equipment - Annex II

None of the ingredients are included.

REGULATION (EU) 2019/1148

Annex I - RESTRICTED EXPORT SUBSTANCES FOR EXPLOSIVE SUBSTANCES (Upper concentration limit for a permit under Article 5(3))

None of the ingredients are included.

Annex II - REPORTABLE EXPORT SUBSTANCES FOR EXPLOSIVES

None of the ingredients are included.

Regulation (EC) No. 273/2004 on drug precursors

CAS: 78-93-3	Butanon	3
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Regulation (EC) No 111/2005 laying down rules for the monitoring of trade in drug precursors between the Community and third countries

CAS: 78-93-3	Butanon	3
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- National regulations:

- Technical Instructions on Air:

Class	Share in %
NK	50-100

- **Water hazard class:** WGK 2 (Self-assessment): clearly hazardous for water.

- **15.2 Chemical safety assessment:** A chemical safety assessment has not been carried out.

SECTION 16: Other information

The information provided is based on our present knowledge, but does not constitute a guarantee of product properties and of product characteristics and do not establish a contractual legal relationship.

- Relevant sentences

- H225 Highly flammable liquid and vapor.
- H319 Causes severe eye irritation.
- H332 Harmful by inhalation.
- H336 May cause drowsiness and dizziness.

- **Department issuing data sheet:** Product safety department.

- **Contact person:** Mr. M. Westerink

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Trade name: ADHESIVE PRIMER P-20 AF

- Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route.
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Dangerous Goods Code
IATA: International Air Transport Association
GHS: Globally Harmonized 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)
GefStoffV: Ordinance on Hazardous Substances (Germany)
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
Flam. Liq. 2: Flammable liquids - Category 2
Acute Tox. 4: Acute toxicity - Category 4
Eye Irrit. 2: Serious eye damage/eye irritation - Category 2
STOT SE 3: Specific target organ toxicity (single exposure) - Category 3

- * Data changed from previous version