

Safety Data Sheet

according to Regulation (EU) No. 1907/2006

SPAY ADHESIVE non permanent 400ml

Print date : 17.03.2009

Product code : Spruehk.Abl.

Page 1 of 5

1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Ref. 12088 Spray adhesive non permanent 400ml

Company/undertaking identification

Company name : APLI PAPER S.A.
Street : Av. Arraona, 120 - 124
Place : 08210 Barberá del Vallés, Spain.
Telephone : +34 93 747 91 00 Fax : +34 93 718 81 13
Contact person : QEHS Dept.
e-mail : apli@apli.com
Emergency telephone : 112

2. Hazards identification

Classification

Indications of danger : Irritant, Dangerous for the environment
R-phrases :
Irritating to eyes and skin.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. Composition/information on ingredients

Chemical characterization (preparation)

Hazardous components

EC-No.	CAS-No.	Chemical name	Quantity	Classification
204-065-8	115-10-6	dimethyl ether	70 - 90 %	F+ R12
205-500-4	141-78-6	ethyl acetate	1 - 10 %	F, Xi R11-36-66-67
205-563-8	142-82-5	heptane [and isomers]	1 - 10 %	F, Xn, Xi, N R11-65-38-67-50-53

Full text of each relevant R phrase can be found in heading 16.

4. First aid measures

After inhalation

Vapours may cause drowsiness and dizziness. Move victim out of danger zone. When unconscious, check breathing and, if necessary, initiate artificial respiration.

After contact with skin

Can cause transient slight irritation. Rinse affected skin with running water for 10 minutes or longer if the material remains on the skin.

After contact with eyes

Irritation and redness may occur. Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Transfer to hospital for examination by a specialist.

After ingestion

Can cause headaches or nausea. Immediate admission to a hospital.

5. Fire-fighting measures

Suitable extinguishing media

Carbon dioxide (CO₂). Extinguishing powder.

Safety Data Sheet

according to Regulation (EU) No. 1907/2006

SPAY ADHESIVE non permanent 400ml

Print date : 17.03.2009

Product code : Spruehk.Abl.

Page 2 of 5

Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases

Forms explosive vapor-air mixtures. Extremely flammable.

Special protective equipment for fire-fighters

Use self contained breathing apparatus. To prevent eye or skin contact, wear protective clothing.

6. Accidental release measures

Personal precautions

See No. 8.2 Personal Protective Equipment. Keep away from ignition sources - No smoking. Spillage area mechanically vented and avoid formation of explosive concentrations - see No. 9 of the safety data sheet.

Environmental precautions

Do not get into the drains or waters. Warn the neighbors in case of smoke or gases.

Methods for cleaning up/taking up

Recording with dry earth or sand.

7. Handling and storage

Handling

Advice on safe handling

Provide adequate ventilation. Do not use in enclosed spaces. Keep away from sources of ignition - No smoking.

Storage

Requirements for storage rooms and vessels

Only store in original packaging.

Further information on storage conditions

Keep away from sources of ignition - No smoking. Storage regulations acc. TRG 300

8. Exposure controls/personal protection

Exposure limit values

Exposure limits (EH40)

CAS-No.	Chemical name	ml/m ³	mg/m ³	F/ml	Category	Origin
115-10-6	Dimethyl ether	400	766		TWA (8 h)	WEL
		500	958		STEL (15 min)	WEL
141-78-6	Ethyl acetate	200	-		TWA (8 h)	WEL
		400	-		STEL (15 min)	WEL
142-82-5	n-Heptane	500	-		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

Exposure controls

Protective and hygiene measures

Provide for sufficient ventilation and punctiform suction at critical points.

Respiratory protection

Independent of ambient air breathing apparatus must be available for emergencies.

Hand protection

Nitrile gloves. penetration time (maximum wearing period): > 4 hours.

Safety Data Sheet

according to Regulation (EU) No. 1907/2006

SPAY ADHESIVE non permanent 400ml

Print date : 17.03.2009

Product code : Spruehk.Abl.

Page 3 of 5

Eye protection

Goggles.

Skin protection

Solvent resistant protective clothing.

9. Physical and chemical properties

General information

Physical state : Aerosol
Colour : colourless
Odour : characteristic

Important health, safety and environmental information

Changes in the physical state

	Test method
Flash point :	-41 °C
Lower explosion limits :	3,4
Upper explosion limits :	17,0
Vapour pressure :	5000 hPa
Density :	0,700 g/cm ³

Other information

Ignition temperature : 235 °C
VOC-value (in g/l): 609

10. Stability and reactivity

Conditions to avoid

heat.

Materials to avoid

Oxidizing agents.

Hazardous decomposition products

In combustion emits toxic fumes released: Carbon dioxide. Carbon monoxide.

Additional information

Stable under normal conditions.

11. Toxicological information

Acute toxicity

Heptane [and isomers] [1] IVN MUS LD50 222mg/kg

Severe effects after repeated or prolonged exposure

Harmful: danger of serious damage to health by prolonged exposure through inhalation.
Harmful: danger of serious damage to health by prolonged exposure in contact with skin.

12. Ecological information

Mobility

Product is easily volatile. Vapours are heavier than air and will spread at floor level.

Persistence and degradability

Not biologically degradable.

Bioaccumulative potential

not available

Safety Data Sheet

according to Regulation (EU) No. 1907/2006

SPAY ADHESIVE non permanent 400ml

Print date : 17.03.2009

Product code : Spruehk.Abl.

Page 4 of 5

Other adverse effects

Harmful to aquatic organisms.

13. Disposal considerations

Advice on disposal

D10 Incineration on land.

R3 Recycling / reclamation of metals and metal compounds.

The user's attention is drawn to the possible existence of regional or national regulations may exist for the disposal.

Contaminated packaging

Dispose of as normal industrial waste.

The user's attention is drawn to the possible existence of regional or national regulations may exist for the disposal.

14. Transport information

Land transport (ADR/RID)

UN number : 1950

ADR/RID class : 2

Classification code : 5F

Warning plate

Hazard label : 2.1

Description of the goods

Aerosols

Marine transport

UN number : 1950

Hazard label : 2.1

EmS : F-D, S-U

Description of the goods

Aerosols

Air transport

UN/ID number : 1950

ICAO/IATA-DGR : 2

Hazard label : 2.1

Description of the goods

AEROSOLS

15. Regulatory information

Labelling

Danger symbols : Xi - Irritant; N - Dangerous for the environment

R phrases

Irritating to eyes and skin.

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

S phrases

Do not breathe Aerosol.

Use only in well-ventilated areas.

Avoid release to the environment. Refer to special instructions / Safety data sheets.

Safety Data Sheet

according to Regulation (EU) No. 1907/2006

SPAY ADHESIVE non permanent 400ml

Print date : 17.03.2009

Product code : Spruehk.Abl.

Page 5 of 5

Special labelling for certain preparations

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

National regulatory information

Water contaminating class (D) : 1 - slightly water contaminating

Additional information

The above information regarding the regulations applies only to the basic rules for the safety data sheet products described. The user should be noted that there may be additional supplementary regulations. Observe all applicable national, international and local rules and regulations.

16. Other information

Full text of R-phrases referred to under sections 2 and 3

Highly flammable.

Extremely flammable.

Irritating to eyes.

Irritating to eyes and skin.

Irritating to skin.

Very toxic to aquatic organisms.

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

May cause long-term adverse effects in the aquatic environment.

Harmful: may cause lung damage if swallowed.

Repeated exposure may cause skin dryness or cracking.

Vapours may cause drowsiness and dizziness.

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

Department issuing MSDS: Dept. of QEHS

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)