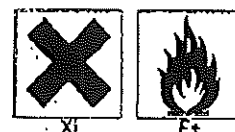


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## Safety Data Sheet

### ALTA TEMPERATURA SPRAY



Safety Data Sheet dated 13/6/2007, version 1

#### 1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

Trade name: ALTA TEMPERATURA SPRAY  
Trade code: 66.000  
Product type and use: Spray paint  
Company:

Emergency telephone number of the company and/or of an authorised advisory centre:

Competent person responsible for the safety data sheet:

#### 2. HAZARDS IDENTIFICATION

Properties / Symbols:  
F+ Extremely flammable  
Xi Irritant

R Phrases:

R12 Extremely flammable.  
R36 Irritating to eyes.  
R66 Repeated exposure may cause skin dryness or cracking.  
R67 Vapours may cause drowsiness and dizziness.

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components within the meaning of EEC directive 67/548 and corresponding classification:

30% - 40% acetone

N.67/548/CEE: 606-001-00-8 CAS: 67-64-1 EC: 200-662-2  
F,Xi; R11-36-66-67

15% - 20% propane

N.67/548/CEE: 601-003-00-5 CAS: 74-98-6 EC: 200-827-9  
F+; R12; substance with a Community workplace exposure limit

10% - 12.5% xylene [4]

N.67/548/CEE: 601-022-00-9 CAS: 1330-20-7 EC: 215-535-7  
Xn,Xi; R10-20/21-38

7% - 10% butane [1]

N.67/548/CEE: 601-004-00-0 CAS: 106-97-8 EC: 203-448-7  
F+; R12; substance with a Community workplace exposure limit

3% - 5% and isobutane [2]

N.67/548/CEE: 601-004-00-0 CAS: 75-28-5 EC: 200-857-2  
F+; R12; substance with a Community workplace exposure limit

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#### 4. FIRST AID MEASURES

**Contact with skin:**

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

**Contact with eyes:**

Wash immediately with water for at least 10 minutes.

**Swallowing:**

Do not induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety-data sheet.

A suspension of activated charcoal in water, or liquid paraffin may be administered.

**Inhalation:**

Ventilate the premises. The patient is to be removed immediately from the contaminated premises and made to rest in a well ventilated area. Should the patient feel unwell, OBTAIN MEDICAL ATTENTION.

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#### 5. FIRE-FIGHTING MEASURES

**Recommended extinguishers:**

In case of fire, use vaporized water or foam.

**Extinguishers not to be used:**

None in particular.

**Risks arising from combustion:**

Avoid inhaling the fumes.

**Protective equipment:**

Use protection for the respiratory tract.

Cool the containers exposed to the fire with water.

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#### 6. ACCIDENTAL RELEASE MEASURES

**Measures for personal safety:**

Use gloves and protective clothing.

**Environmental measures:**

Limit leakages with earth or sand.

Eliminate all unguarded flames and possible sources of ignition. Do not smoke.

If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

**Cleaning methods:**

If the product is in a liquid form, stop it from entering the drainage system.

Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material.

After the product has been recovered, rinse the area and materials involved with water.

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#### 7. HANDLING AND STORAGE

**Handling precautions:**

Avoid contact and inhalation of the vapours. See, too, paragraph 8 below.

Do not eat or drink while working.

Do not smoke while working.

**Incompatible materials:**

None in particular.

**Storage conditions:**

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Always keep in a well ventilated place.

Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

Instructions as regards storage premises:

Cool and adequately ventilated.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Precautionary measures:

Give adequate ventilation to the premises where the product is stored and/or handled.

Respiratory protection:

Use adequate protective respiratory equipment, e.g. CEN/FFP-2(S) or CEN/FFP-3(S).

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Eye protection:

Use close fitting safety goggles and/or visor conforming to BS 2092 GRADE 1).

Protection for skin:

No special precaution must be adopted for normal use.

Exposure limit(s) (ACGIH):

acetone

VLE 8h: 1210 mg/m<sup>3</sup> - 500 ppm TLV TWA: 500 ppm, A4 - 1167,12 mg/m<sup>3</sup>, A4 TLV STEL: 750 ppm, A4 - 1780,67 mg/m<sup>3</sup>, A4

propane

TLV TWA: 1000 ppm - 0 mg/m<sup>3</sup>

xylene [4]

VLE 8h: 221 mg/m<sup>3</sup> - 50 ppm VLE short: 442 mg/m<sup>3</sup> - 100 ppm TLV TWA: 100 ppm, A4 - 434,19 mg/m<sup>3</sup>, A4 TLV STEL: 150 ppm, A4 - 651,29 mg/m<sup>3</sup>, A4

butane [1]

TLV TWA: 1000 ppm - 0 mg/m<sup>3</sup>

and isobutane [2]

TLV TWA: 1000 ppm - 0 mg/m<sup>3</sup>

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance and colour: Liquid aspect (under pressure), various colours.

Odour:

Characteristic of solvent

pH:

N.A.

Melting point:

N.A.

Boiling point:

N.A.

Flash point:

Inf. 0 °C

Solid/gas flammability:

Extremely flammable

Autoignition temperature:

N.A.

Explosive properties:

N.A.

Oxidizing properties:

N.A.

Vapour pressure:

a 20°C - 4,0 bar a 50°C - 8,0 bar

Relative density:

0,75 - 0,80 g/ml

Solubility in water:

NO

Lipid solubility:

SI

Partition c. (n-octanol/H<sub>2</sub>O):

N.A.

Vapour density:

N.A.

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#### 10. STABILITY AND REACTIVITY

Conditions to avoid:

Stable under normal conditions.

Substances to avoid:

Avoid contact with combustible materials. The product could catch fire.

Hazardous decomposition products:

None.

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#### 11. TOXICOLOGICAL INFORMATION

The concentration of each substance should be borne in mind in assessing the toxicological effects deriving from the preparation.

Set out below is the toxicological information relating to the main substances in the preparation.

acetone

LD50 (RABBIT) ORAL: 5300 MG/KG

xylene [4]

LD50 (RAT) ORAL: 5000 MG/KG

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#### 12. ECOLOGICAL INFORMATION

Adopt good working practices, so that the product is not released into the environment.

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#### 13. DISPOSAL CONSIDERATIONS

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

Where applicable, refer to the following regulatory provisions : 91/156/EEC, 91/689/EEC, 94/62/EC and subsequent amendments.

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#### 14. TRANSPORT INFORMATION

ADR-UN number:	1950
ADR-Class:	2.5F
ADR-Shipping Name:	AEROSOL
ADR-Packing Group:	-
IATA-Un number:	1950
IATA-Class:	2
IATA-Technical name:	AEROSOL
IATA-Passenger Aircraft:	203
IATA-Cargo Aircraft:	203
IATA-Packing group:	-
Marine pollutant:	Marine pollutant
IMDG-Un number:	1950
IMDG-Class:	2
IMDG-Technical name:	AEROSOL
IMDG-Packing group:	-
IMDG-Page:	-

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#### 15. REGULATORY INFORMATION

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Council Directive 67/548/EEC (Classification, packaging and labelling of dangerous substances) and subsequent amendments. Commission Directive 1999/45/EC (Classification, packaging and labelling of dangerous preparation) and subsequent amendments. Commission Directive 98/24/EC (Protection of the health and safety of workers from the risk related to chemical agent). Commission Directive 2000/39/EC (Occupational exposure limit values). Regulation (EC) No 1907/2006 (REACH).



#### Symbols:

Xi Irritant

F+ Extremely flammable

#### R Phrases:

R12 Extremely flammable.

R36 Irritating to eyes.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

#### S Phrases:

S16 Keep away from sources of ignition - No smoking.

S2 Keep out of reach of children.

S23 Do not breathe spray.

S43 In case of fire, use vaporized water or foam.

S46 If swallowed, seek medical advice immediately and show this container or label.

S9 Keep container in a well-ventilated place.

#### Special Provisions:

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 reach of children.

Volatile Organic compounds - VOCs = 84.07 %

Volatile Organic compounds - VOCs = 630.53 g/l

Volatile CMR substances = 0.00 %

Halogenated VOCs which are assigned the risk phrase R40 = 0.00 %

Organic Carbon - C = 0.00

Where applicable, refer to the following regulatory provisions :

Directive 2003/105/CE ('Activities linked to risks of serious accidents').

1999/13/EC (VOC directive)

## 16. OTHER INFORMATION

Text of R phrases referred to under heading 3:

R10 Flammable.

R11 Highly flammable.

R12 Extremely flammable.

R20/21 Harmful by inhalation and in contact with skin.

R36 Irritating to eyes.

R38 Irritating to skin.