

## Safety Data Sheet according to 1907/2006/EC, Article 31

Printing date 06.09.2010

Revision: 18.08.2010

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

- **Product details**
- **Trade name:** **COLORSTART SPRAY 10X400ML**
- **Article number:** 140013
- **Application of the substance / the preparation:**  
Efficient silicone spray for the printing and finishing industries
- **Manufacturer/Supplier:**  
FUJIFILM EUROPE NV  
EUROPARK-NOORD 21-22  
9100 SINT-NIKLAAS  
BELGIUM  
TEL: +32 3 760 02 00  
FAX: +32 3 776 91 22
- **Further information obtainable from:** productsafety@fujifilm.eu
- **Information in case of emergency:** +32 3 760 02 00

### 2 Hazards identification

- **Hazard description:**



F+ Extremely flammable

- **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.

At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.

Warning! Pressurized container.

R 12 Extremely flammable.

R 66 Repeated exposure may cause skin dryness or cracking.

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.

100.0 % by mass of the contents are flammable

Keep out of the reach of children

- **Classification system:**

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

### 3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 64771-72-8 EINECS: 265-233-4	Paraffins (petroleum), normal C5-20	Xn; R 65-66	50-70%
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(Cont. on page 2)

## Safety Data Sheet according to 1907/2006/EC, Article 31

Printing date 06.09.2010

Revision: 18.08.2010

**Trade name: COLORSTART SPRAY 10X400ML**

(Cont. from page 1)

CAS: 75-28-5 EINECS: 200-857-2	isobutane	 F+; R 12	15-30%
CAS: 74-98-6 EINECS: 200-827-9	propane	 F+; R 12	7-15%
CAS: 106-97-8 EINECS: 203-448-7	butane	 F+; R 12	7-15%

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

### 4 First aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.

### 5 Fire-fighting measures

- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:** Ensure adequate ventilation.

### 7 Handling and storage

- **Handling:**
- **Information 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.  
Pressurized 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.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Store in a cool location.  
Observe official regulations on storing packagings with pressurized containers.
- **Information about storage in one common storage facility:** Not required.

(Cont. on page 3)

## Safety Data Sheet according to 1907/2006/EC, Article 31

Printing date 06.09.2010

Revision: 18.08.2010

**Trade name: COLORSTART SPRAY 10X400ML**

(Cont. from page 2)

- **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.
- **Storage class:** 2B

### 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

- **Ingredients with limit values that require monitoring at the workplace:**

#### 106-97-8 butane

WEL	Short-term value: 1810 mg/m <sup>3</sup> , 750 ppm Long-term value: 1450 mg/m <sup>3</sup> , 600 ppm Carc (if more than 0.1% of buta-1.3-diene)
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- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Wash hands before breaks and at the end of work.  
Do not inhale gases / fumes / aerosols.
- **Respiratory protection:** Not required.
- **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.

(Cont. on page 4)

## Safety Data Sheet according to 1907/2006/EC, Article 31

Printing date 06.09.2010

Revision: 18.08.2010

**Trade name: COLORSTART SPRAY 10X400ML**

(Cont. from page 3)

· **Eye protection:**



Tightly sealed goggles

### 9 Physical and chemical properties

· <b>General Information</b>	Data of section 9 only applicable on liquid part
· <b>Form:</b>	Liquid
· <b>Colour:</b>	Colourless
· <b>Odour:</b>	Characteristic
· <b>Change in condition</b>	
<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	210-230°C
· <b>Flash point:</b>	> 70°C
· <b>Ignition temperature:</b>	220°C
· <b>Danger of explosion:</b>	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· <b>Explosion limits:</b>	
<b>Lower:</b>	40 g/m <sup>3</sup>
<b>Upper:</b>	6.5 Vol %
· <b>Density at 20°C:</b>	0.757 g/cm <sup>3</sup>
· <b>Solubility in / Miscibility with water:</b>	Not miscible or difficult to mix.
· <b>Solvent content:</b>	
<b>VOC (EC)</b>	40.96 %

### 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Materials to be avoided:**
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.

(Cont. on page 5)

## Safety Data Sheet according to 1907/2006/EC, Article 31

Printing date 06.09.2010

Revision: 18.08.2010

**Trade name: COLORSTART SPRAY 10X400ML**

· **Sensitization:** No sensitizing effects known.

(Cont. from page 4)

### 12 Ecological information

· **Additional ecological information:**

· **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### 13 Disposal considerations

· **Product:**

· **Recommendation**

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

· **European waste catalogue**

16 00 00	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 05 00	gases in pressure containers and discarded chemicals
16 05 04*	gases in pressure containers (including halons) containing dangerous substances

· **Uncleaned packaging:**

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

### 14 Transport information

· **Land transport ADR/RID (cross-border)**



· **ADR/RID class:** 2 5F Gases.

· **Danger code (Kemler):** -

· **UN-Number:** 1950

· **Packaging group:** -

· **Hazard label:** 2.1

· **Description of goods:** 1950 AEROSOLS

· **Tunnel restriction code D**

· **Maritime transport IMDG:**



· **IMDG Class:** 2.1

· **UN Number:** 1950

(Cont. on page 6)

## Safety Data Sheet according to 1907/2006/EC, Article 31

Printing date 06.09.2010

Revision: 18.08.2010

**Trade name: COLORSTART SPRAY 10X400ML**

(Cont. from page 5)

- **Label** 2.1
- **Packaging group:** -
- **EMS Number:** F-D,S-U
- **Marine pollutant:** No
- **Proper shipping name:** AEROSOLS

- **Air transport ICAO-TI and IATA-DGR:**



- **ICAO/IATA Class:** 2.1
- **UN/ID Number:** 1950
- **Label** 2.1
- **Packaging group:** -
- **Proper shipping name:** AEROSOLS, flammable

### 15 Regulatory information

- **Labelling according to EU guidelines:**  
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

- **Code letter and hazard designation of product:**



F+ Extremely flammable

- **Risk phrases:**  
12 Extremely flammable.  
66 Repeated exposure may cause skin dryness or cracking.

- **Safety phrases:**  
23 Do not breathe aerosol.  
24 Avoid contact with skin.  
51 Use only in well-ventilated areas.

- **Special labelling of 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.  
100.0 % by mass of the contents are flammable  
Keep out of the reach of children

- **Classification in accordance with Directive 75/324/EEC:** Extremely flammable

### 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.

(Cont. on page 7)

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Printing date 06.09.2010

Revision: 18.08.2010

Trade name: COLORSTART SPRAY 10X400ML

(Cont. from page 6)

- **Relevant R-phrases**
  - 12 Extremely flammable.
  - 65 Harmful: may cause lung damage if swallowed.
  - 66 Repeated exposure may cause skin dryness or cracking.
- **Creation Date** 30.11.2009
- \* **Data modified compared to previous version.**

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