



CRC Industries Europe bvba
Touwslagerstraat 1
9240 Zele - Belgium
Tel (+32) (0) 52 / 45 60 11 - Fax (+32) (0) 52 / 45 00
34

PROGRESS IS OUR
COMMITMENT
THE EARTH OUR CONCERN

Material Safety Data Sheet

Regulation EC No 1907/2006 Art.31

Productname : POSITIV 20 **Creationdate :** 31.10.07
Ref.Nr.: AB28200-3-311007 **Replaces:** 22.05.07

1. IDENTIFICATION OF PRODUCT AND COMPANY

Productname : POSITIV 20
Aerosol

Application : Photo-sensitive lacquer

Company : CRC Industries Europe bvba
Touwslagerstraat 1
9240 ZELE
Belgium
Tel.: (+32)(0)52/456011
Fax: (+32)(0)52/450034
E-mail : hse@crcind.com

In case of emergency : (+32) (0)52/45 60 11

Subsidiaries		Tel	Fax
CRC Industries Finland	Asemanrinne 13, 08500 Lohja AS	(+358)(0)19/3 2921	(+358)(0)19/383 676
CRC Industries France	12, Bld des Martyrs de	(+33)(0)1/341	(+33)(0)1/34110

Subsidiaries		Tel	Fax
	Chateaubriant F-95102 Argenteuil Cédex	12000	996
CRC Industries Deutschland	Südring 9, 76473 Iffezheim	(+49)(0)7229/ 3030	(+49)(0)7229/30 3266
CRC Industries Iberia	Gremio del cuero S/N, 40195 Segovia	(+34)921/427 546	(+34)921/43627 0
CRC Industries Sweden	Kryptogatan 14, 43153 Möln dal	(+46)(0)31/70 68480	(+46)(0)31/2739 91

2. HAZARD IDENTIFICATION

Health and Safety :

Extremely Flammable
(DME propellant)
Irritating to eyes.
Repeated exposure may cause skin dryness or cracking.
Vapours may cause drowsiness and dizziness.

Environment :

According to EU-directive 99/45/EC not classified

Other hazards :

Pressurised 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.
Without adequate ventilation formation of explosive mixtures may be possible.

3. COMPOSITION AND INFORMATION ON COMPONENTS

Hazardous ingredient	CAS-nr	EINECS	w/w %	symbol	R-phrases*	Notes
1-methoxy-2-propanol; monopropylene glycol methyl ether	107-98-2	203-539-1	5-10		10	A
2-methoxy-1-methylethyl acetate	108-65-6	203-603-9	5-10	Xi	10-36	A
dimethyl ether	115-10-6	204-065-8	30-60	F+	12	A

Hazardous ingredient	CAS-nr	EINECS	w/w %	symbol	R-phrases*	Notes
n-butyl acetate	123-86-4	204-658-1	1-5		10-66-67	
acetone; propan-2-one; propanone	67-64-1	200-662-2	30-60	F,Xi	11-36-66-67	A
Explanation notes						
A : substance with Community workplace exposure limit						

(* Explanation risk-phrases : see chapter 16)

4. FIRST AID MEASURES

General Advice :

The usual precautions for handling chemicals should be observed
If any symptoms should occur, seek medical advice.

Contact with eyes :

If substance has got into eyes, immediately wash out with water for at least 15 minutes
Seek immediate medical attention

Contact with skin :

Wash with water and soap.
Seek medical attention if irritation persists

Inhalation :

Fresh air, keep warm and at rest.
Seek medical attention if ill effects occur

Ingestion :

Ingestion is unlikely to occur
If swallowed accidentally, do not induce vomiting and seek medical advice.

5. FIRE-FIGHTING MEASURES

Flash point (without propellant):

< 0 °C (Closed Cup)

Explosion limits : upper limit :

not available

lower limit :

not available

Extinguishing media :

foam, carbon dioxide or dry agent

Fire-fighting procedures : Keep container(s) exposed to fire cool, by spraying with water

Unusual exposure hazard : Aerosols may explode if heated above 50°C

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Shut off all ignition sources
Ensure adequate ventilation
Wear suitable protective clothing and gloves.

Environmental precautions : Do not allow to enter public sewers and watercourses

Cleaning methods : Absorb spillage in suitable inert material

7. HANDLING AND STORAGE

Handling procedures : Use only in well ventilated areas
Keep away from heat and sources of ignition
Do not spray on a naked flame or incandescent material.
Do not pierce or burn aerosols, even after use.
Do not breathe aerosols or vapours.
Avoid contact with skin and eyes.
Eyewash bottles should be available

Storage procedures : Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.
Keep in a cool, dry, well ventilated place
Keep out of reach of children.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Control procedures : Ensure adequate ventilation
Keep away from heat and sources of ignition
Take precautionary measures against static discharges

Personal protection : Ensure adequate ventilation
It is advisable to take precautions to avoid contact with skin and eyes when handling the product.

inhalation : In case of insufficient ventilation, wear suitable respiratory equipment.
(Filter type AX)

hands and skin : Wear suitable protective gloves
(butylrubber)

eyes : Wear safety goggles.

Exposure limits :

Hazardous ingredient	CAS-nr	method	
EU established exposure limits:			
1-methoxy-2-propanol; monopropylene glycol methyl ether	107-98-2	TWA	100 ppm
		STEL	150 ppm
2-methoxy-1-methylethyl acetate	108-65-6	TWA	50 ppm
		STEL	100 ppm
dimethyl ether	115-10-6	TWA	1000 ppm
acetone; propan-2-one; propanone	67-64-1	TWA	500 ppm

9. PHYSICAL AND CHEMICAL PROPERTIES (for aerosols without propellant)

Apperance : physical state : DME propelled liquid

colour : blue

odour : solvent

Boiling point/range : not available

Relative density : 0.87 g/cm³ (@ 20°C)

pH : not applicable

Vapour pressure : not available

Relative vapour density : not available

Solubility in water : Insoluble in water

Flash point : < 0 °C (Closed Cup)

Auto-ignition : > 200 °C

Viscosity : not applicable

Evaporation rate : not available

10. STABILITY AND REACTIVITY

Conditions to be avoided : Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.

Keep away from heat and sources of ignition

Materials to be avoided : Strong oxidising agent

Hazardous decomposition compounds : CO,CO₂

11. TOXICOLOGICAL INFORMATION

- Inhalation :** Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness
- Skin contact :** Prolonged skin contact will result in defatting of the skin
- Eye contact :** Irritating to eyes

12. ECOLOGICAL INFORMATION

Hazardous ingredient	CAS-nr	method	
C.I. Basic Violet 3 with > 0.1 % of Michler's ketone (ECno. 202-027-5)	548-62-9	LC50 fish	0.7 mg/l

Do not allow to enter public sewers and watercourses
No experimental data available

13. WASTE DISPOSAL

- Product :** Do not empty into drains.
This material and its container must be disposed of in a safe way.
- Disposal should be in accordance with local, state or national legislation

14. TRANSPORT

- UN-number :** 1950
- Road/Rail - ADR/RID :** UN1950 Aerosols Class : 2, PG : NA, Class code : 5F, Label : 2.1

Sea - IMDG : UN1950 Aerosols Ltd Qty Class : 2.1, PG : NA,
Label : 2.1

EmS

F-D,S-U

Air - IATA/ICAO : UN1950 Aerosols, flammable Class : 2.1, PG :
NA, Label : RFG

**Packing instr.
LQ**

Y203

PAX

203

CAO

203

15. REGULATORY INFORMATION

Warning symbol(s) : F+,Xi

Risk-phrase(s) : R12: Extremely flammable.
R36: Irritating to eyes.
R66: Repeated exposure may cause skin
dryness or cracking.
R67: Vapours may cause drowsiness and
dizziness.

Safety-phrase(s) : S2: Keep out of the reach of children.
S16: Keep away from sources of ignition - No
smoking.
S23: Do not breathe spray.
S35: This material and its container must be
disposed of in a safe way.
S51: Use only in well-ventilated areas.

Pressurised 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. Without adequate ventilation formation of explosive mixtures may be possible.

16. OTHER INFORMATION

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties.

Apart from any fair dealing for purposes of study, research and review of health, safety and environmental risks, no part of these documents may be reproduced by any process without written permission from CRC.

***Explanation risk-phrases:**

R10: Flammable.

R11: Highly flammable.

R12: Extremely flammable.

R36: Irritating to eyes.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

This Material Safety Data Sheet may already have been revised at this moment for reason such as legislation, availability of components and newly acquired experiences. The latest and only valid version of this Material Safety Data Sheet will be sent to you upon simple request or can be found on our website : www.crcind.com. We recommend you to register on this website for this product so you will be able to receive any future updated version automatically.