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PROGRESS IS OUR  
COMMITMENT  
THE EARTH OUR CONCERN

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## Material Safety Data Sheet

Regulation EC No 1907/2006 Art.31

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**Productname :** KONTAKT PCC                      **Creationdate :** 31.10.07  
**Ref.Nr.:** AB28400-3-311007                      **Replaces:** 27.07.06

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# 1. IDENTIFICATION OF PRODUCT AND COMPANY

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**Productname :** KONTAKT PCC  
Aerosol

Cleaners - Precision

**Application :**

**Company :** CRC Industries Europe bvba  
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## 2. HAZARD IDENTIFICATION

### Health and Safety :

Highly Flammable  
Irritating to eyes and skin.  
Vapours may cause drowsiness and dizziness.  
Remark: Preparations classified as harmful on the basis of an aspiration hazard need not be labelled as harmful with R65 when placed on the market in aerosol containers or in containers fitted with a sealed spray attachment. (EU-Directive 67/548 Annex VI 9.4)

### Environment :

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

### 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
methylal	109-87-5		5-10	F	11	B
carbon dioxide	124-38-9	204-696-9	1-5	-	-	A,G

Hazardous ingredient	CAS-nr	EINECS	w/w %	symbol	R-phrases*	Notes
1-ethoxypropan-2-ol	1569-02-4	216-374-5	5-10		10-67	
ethanol; ethyl alcohol	64-17-5	200-578-6	10-30	F	11	B
methanol	67-56-1	200-659-6	0-1	F,T	11-23/24/25-39/23/24/25	A
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	200-661-7	30-60	F,Xi	11-36-67	
butanone; ethyl methyl ketone	78-93-3	201-159-0	<1	F,Xi	11-36-66-67	A
Solvent naphtha (petroleum), hydrotreated light naphthenic; Low boiling point hydrogen treated naphtha	92062-15-2	295-529-9	<25	F,Xn,N	11-38-51/53-65-67	B,P
<b>Explanation notes</b>						
A : substance with Community workplace exposure limit						
B : substance with national established workplace exposure limit						
G : excempted from the obligation to register in accordance with art.2(7)(a)of REACH Regulation No 1907/2006						
P : not classified as carcinogen, less than 0.1% w/w benzene (Einecs-nr. 200-753- 7)						

Note H and P of Annex I (67/548/EEC) apply for the naphtha's in this product.  
(\* 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.

<b>Contact with eyes :</b>	If substance has got into eyes, immediately wash out with water for at least 15 minutes Seek medical advice
<b>Contact with skin :</b>	Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water Seek medical advice
<b>Inhalation :</b>	Fresh air, keep warm and at rest. Seek medical attention if ill effects occur
<b>Ingestion :</b>	Ingestion is unlikely to occur If swallowed do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention

## 5. FIRE-FIGHTING MEASURES

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<b>Flash point (without propellant):</b>	< 0 °C (Closed Cup)
<b>Explosion limits : upper limit :</b>	not available
<b>lower limit :</b>	not available
<b>Extinguishing media :</b>	foam, carbon dioxide or dry agent
<b>Fire-fighting procedures :</b>	Keep container(s) exposed to fire cool, by spraying with water
<b>Unusual exposure hazard :</b>	Aerosols may explode if heated above 50°C

## 6. ACCIDENTAL RELEASE MEASURES

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<b>Personal precautions :</b>	Shut off all ignition sources Ensure adequate ventilation Wear suitable protective clothing and gloves.
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**Environmental precautions :** Do not allow to enter public sewers and watercourses  
If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

Absorb spillage in suitable inert material

**Cleaning methods :**

## 7. HANDLING AND STORAGE

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**Handling procedures :** Use only in well ventilated areas  
It is advisable to take precautions to avoid contact with skin and eyes when handling the product.  
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

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

**Personal protection :** Use only in well ventilated areas  
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  
(nitrile)

Wear safety goggles.

eyes :

## Exposure limits :

Hazardous ingredient	CAS-nr	method	
<b>EU established exposure limits:</b>			
carbon dioxide	124-38-9	TWA	5000 ppm
methanol	67-56-1	TWA	200 ppm
butanone; ethyl methyl ketone	78-93-3	TWA	200 ppm
		STEL	300 ppm

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

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CO2 propelled liquid

Apperance : physical state :

colour : colourless

odour : solvent

Melting point/range : <-20 °C

Boiling point/range : not available

Relative density : 0.79 g/cm<sup>3</sup> (@ 20°C)

pH : not applicable

Vapour pressure : not available

**Relative vapour density :** not available

**Solubility in water :** Insoluble in water

**Partition coefficient n-octanol/water:** No information available

**Flash point :** < 0 °C (Closed Cup)

**Auto-ignition :** > 200 °C

**Viscosity :** not applicable

**Evaporation rate :** not available

## 10. STABILITY AND REACTIVITY

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

**Materials to be avoided :** Strong oxidising agent

**Hazardous decomposition compounds :** CO,CO<sub>2</sub>

## 11. TOXICOLOGICAL INFORMATION

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**Inhalation :** Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness

**Ingestion :**

Ingestion is unlikely to occur  
After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia.

**Skin contact :**

Irritating to skin

**Eye contact :**

Irritating to eyes

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## 12. ECOLOGICAL INFORMATION

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**Other adverse effects :**

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

Do not allow to enter public sewers and watercourses

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## 13. WASTE DISPOSAL

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**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

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## 14. TRANSPORT

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**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

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**Warning symbol(s) :**

F,Xi

**Risk-phrase(s) :**

R11: Highly flammable.  
R36/38: Irritating to eyes and skin.  
R52/53: Harmful to aquatic organisms, may  
cause long-term adverse effects in the aquatic  
environment.  
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.

**Regulation (EC) No 648/2004 on detergents:**

aliphatic 15 -  
hydrocarbons 30  
%

## 16. OTHER INFORMATION

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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.

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### **\*Explanation risk-phrases:**

R11: Highly flammable.

R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.

R36: Irritating to eyes.

R38: Irritating to skin.

R39/23/24/25: Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65: Harmful: may cause lung damage if swallowed.

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](http://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.