

Productname : ACRYL RAL
Ref.Nr.: BDS001218_3_20120614

Creationdate : 14.06.12 Version : 1.1
Replaces: BDS001218_20120322

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

ACRYL RAL
Silver High temperature
Aerosol

1.2. Relevant identified uses of the substance or mixture and uses advised against

Paints

1.3. Details of the supplier of the safety data sheet

CRC Industries Europe bvba
Touwslagerstraat 1
9240 Zele
Belgium
Tel.: +32(0)52/45.60.11
Fax.: +32(0)52/45.00.34
E-mail : hse@crcind.com

Subsidiaries		Tel	Fax
CRC Industries Finland Oy	Asemanrinne 13, 08500 Lohja	+358/(19)32.921	+358/(19)383.676
CRC Industries France	6, avenue du marais, C.S. 90028, 95102 Argenteuil Cedex	01.34.11.20.00	01.34.11.09.96
CRC Industries Deutschland GmbH	Südring 9, D-76473 Iffezheim	(07229) 303.0	(07229)30 32 66
CRC INDUSTRIES IBERIA S.L.U.	GREMIO DEL CUERO-PARC.96, POLIGONO INDUSTRI. DE HONTORIA, 40195 SEGOVIA	0034/921.427.546	0034/921.436.270
CRC Industries Sweden	Kryptogatan 14, 431 53 Mölndal	0046/31 706 84 80	0046/31 27 39 91

1.4. Emergency telephone number

CRC Industries Europe, Belgium: Tel.: +32(0)52/45.60.11 (office hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to 67/548/EEC or 1999/45/EC:

Health: R20/21: Harmful by inhalation and in contact with skin.
R38: Irritating to skin.
Physical: EXTREMELY FLAMMABLE



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Environment: R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2. Label elements

Contains:
xylene

Warning symbol(s) :

EXTREMELY FLAMMABLE



Xn : HARMFUL



Risk-phrase(s) :

R20/21: Harmful by inhalation and in contact with skin.
 R38: Irritating to skin.
 R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety-phrase(s) :

S2: Keep out of the reach of children.
 S16: Keep away from sources of ignition - No smoking.
 S23: Do not breathe vapours/spray.
 S36/37: Wear suitable protective clothing and gloves.
 S29/56: Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
 S46: If swallowed, seek medical advice immediately and show this container or label.
 S51: Use only in well-ventilated areas.

Extra label elements according to Aerosol Dispenser Directive 75/324/EC: 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.

2.3. Other hazards

None

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable.

3.2. Mixtures

Hazardous ingredient	CAS-nr.	EC-nr	w/w %	symbol	R-phrases*	Notes
butane (<= 0,1 % butadiene)	106-97-8	203-448-7	10-25	F+	12	
xylene	1330-20-7	215-535-7	10-25	Xn	10-20/21-38	A
Naphtha (petroleum), hydrotreated light	64742-49-0	265-151-9	10-25	F,Xn,N	11-38-51/53-65	B,P



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propane	74-98-6	200-827-9	10-25	F+	12	B
aluminium powder (stabilized)	7429-90-5	231-072-3	2.5-5	F	11-15	A
ethylbenzene	100-41-4	202-849-4	0-2.5	F,Xn	11-20	A
Tetra-n-butyl titanate, polymer with water	162303-51-7	500-687-1 (NLP)	0-2.5	Xn	R22-37/38-41-67	
Naphtha (petroleum), hydrotreated heavy	64742-48-9	265-150-3	0-2.5	Xn	65	B,P
Solvent naphtha (petroleum), light arom. (benzene<0.1%)	64742-95-6	265-199-0	0-2.5	Xn,N	10-37-51/53-65-66-67	B,P

Explanation notes

A : substance with Community workplace exposure limit

B : substance with national established workplace exposure limit

P : not classified as carcinogen, less than 0.1% w/w benzene (Einecs-nr. 200-753-7)

Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
butane (<= 0,1 % butadiene)		106-97-8	203-448-7	10-25	Flam. Gas 1, Press. Gas	H220	
xylene		1330-20-7	215-535-7	10-25	Flam. Liq. 3, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2	H226,H332,H312,H315	A
propane		74-98-6	200-827-9	10-25	Flam. Gas 1, Press. Gas	H220	B
aluminium powder (stabilized)		7429-90-5	231-072-3	2.5-5	Water-react. 2, Flam. Sol. 1	H261,H228	A
ethylbenzene		100-41-4	202-849-4	0-2.5	Flam. Liq. 2, Acute Tox. 4	H225,H332	A

Explanation notes

A : substance with Community workplace exposure limit

B : substance with national established workplace exposure limit

(* Explanation phrases : see chapter 16)

SECTION 4: First aid measures

4.1. Description of first aid measures

Contact with eyes :	If substance has got into eyes, immediately wash out with plenty of water Seek medical advice
Contact with skin :	Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water Seek medical advice
Inhalation :	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Ingestion :	If swallowed accidentally, do not induce vomiting and seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation :	Harmful by inhalation. Symptoms : sore throat, cough, shortness of breath, headache
Ingestion :	May induce chemical pneumonia. Symptoms : sore throat, abdominal pain, nausea, vomiting
Skin contact :	Harmful in contact with skin Irritating to skin Symptoms : redness and pain



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Eye contact : Irritating to eyes
Symptoms : redness and pain

4.3. Indication of any immediate medical attention and special treatment needed

General Advice : If you feel unwell, seek medical advice (show the label where possible)
If symptoms persist always call a doctor

SECTION 5: Firefighting measures

5.1. Extinguishing media

foam, carbon dioxide or dry agent

5.2. Special hazards arising from the substance or mixture

Aerosols may explode if heated above 50°C
Forms hazardous decomposition products
CO,CO2

5.3. Advice for firefighters

Keep container(s) exposed to fire cool, by spraying with water
In case of fire, do not breathe fumes

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Shut off all ignition sources
Use only outdoors or in a well-ventilated area.
Wear suitable protective clothing and gloves.

6.2. Environmental precautions

Do not allow to enter public sewers and watercourses
If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

6.3. Methods and material for containment and cleaning up

Absorb spillage in suitable inert material
Place in appropriate container

6.4. Reference to other sections

For further information see section 8

SECTION 7: Handling and storage



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7.1. Precautions for safe handling

Keep away from heat and sources of ignition
 Take precautionary measures against static discharges
 Equipment should be earthed
 Use explosion-proof electrical/ventilating/lighting/.../equipment.
 Use only non-sparking tools.
 Do not breathe aerosols or vapours.
 Use only outdoors or in a well-ventilated area.
 Avoid contact with skin and eyes.
 Wash thoroughly after use
 Wear protective gloves/protective clothing/eye protection/face protection.

7.2. Conditions for safe storage, including any incompatibilities

Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.
 Keep out of reach of children.

7.3. Specific end use(s)

Paints

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits :

Hazardous ingredient	CAS-nr.	method	
EU established exposure limits:			
ethylbenzene	100-41-4	TWA	100 ppm
		STEL	200 ppm
xylene	1330-20-7	TWA	50 ppm
		STEL	100 ppm
National established exposure limits, United Kingdom			
ethylbenzene	100-41-4	TWA	100 ppm
		STEL	125 ppm
butane (<= 0,1 % butadiene)	106-97-8	TWA	600 ppm
		STEL	750 ppm
xylene	1330-20-7	TWA	50 ppm
		STEL	100 ppm

8.2. Exposure controls

Control procedures : Use only outdoors or in a well-ventilated area.



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Personal protection :	Keep away from heat and sources of ignition Take precautionary measures against static discharges Take precautions to avoid contact with skin and eyes when handling the product. Ensure adequate ventilation
inhalation :	In case of insufficient ventilation, wear suitable respiratory equipment. Air purifying respirator equipped with organic gas/vapor cartridge (type A or AX)
hands and skin :	Wear suitable protective gloves against chemicals (butyl rubber)
eyes :	Wear safety goggles.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

(for aerosols data for the product without propellant)

Apperance : physical state :	Propane/butane propelled liquid.
colour :	Grey.
odour :	Characteristic odor.
pH :	Not applicable.
Boiling point/range :	Not available.
Flash point :	< 0 °C
Evaporation rate :	Not available.
Explosion limits : upper limit :	10.9 %
lower limit :	1.1 %
Vapour pressure :	830 kPa (@ 20°C).
Relative density :	0.83 g/cm ³ (@ 20°C).
Solubility in water :	Insoluble in water
Auto-ignition :	> 200 °C
Viscosity :	Not applicable.

9.2. Other information

VOC: 731.8 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions known if used for its intended purpose

10.2. Chemical stability

Stable

10.3. Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose



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10.4. Conditions to avoid

Avoid overheating

10.5. Incompatible materials

Strong oxidising agent

10.6. Hazardous decomposition products

CO,CO2

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Inhalation :	Harmful by inhalation.
Ingestion :	May cause gastrointestinal disturbances
Skin contact :	Harmful in contact with skin Irritating to skin
Eye contact :	May cause irritation.

Toxicological data :

Hazardous ingredient	CAS-nr.	method	
Naphtha (petroleum), hydrotreated heavy	64742-48-9	LD50 oral rat	> 2000 mg/kg
		LD50 derm.rabit	> 2000 mg/kg

SECTION 12: Ecological information

12.1. Toxicity

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Ecotoxicological data:

Hazardous ingredient	CAS-nr.	method	
Naphtha (petroleum), hydrotreated heavy	64742-48-9	IC50 algae	> 1000 mg/l
		LC50 fish	> 1000 mg/l

12.2. Persistence and degradability

No experimental data available

12.3. Bioaccumulative potential



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No experimental data available

12.4. Mobility in soil

No experimental data available

12.5. Results of PBT and vPvB assessment

No information available

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product : This material and its container must be disposed of in a safe way. Do not discharge into drains or the environment, dispose to an authorised waste collection point.

Contaminated packaging : Disposal should be in accordance with local, state or national legislation

SECTION 14: Transport information

14.1. UN number

UN-number : 1950

14.2. UN proper shipping name

Proper shipping name: AEROSOLS

14.3. Transport hazard class(es)

Class: 2.1
ADR/RID - Classification code: 5F

14.4. Packing group

Packing group: Not applicable.

14.5. Environmental hazards

ADR/RID - Environmentally hazardous: No
IMDG - Marine pollutant: No
IATA/ICAO - Environmentally hazardous: No



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14.6. Special precautions for user

ADR/RID - Tunnelcode:	(D)
IMDG - Ems:	F-D, S-U
IATA/ICAO - PAX:	203
IATA/ICAO - CAO	203

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

The Safety Data Sheet is compiled according to the current European requirements.
Dir. 2008/47/EC amendment of the aerosol dispenser directive 75/324/EEC.
EU-directive 99/45/EC
Regulation (EC) No 1907/2006 (REACH)

15.2. Chemical safety assessment

No information available

SECTION 16: Other information

*Explanation risk-phrases:

- R10: Flammable.
- R11: Highly flammable.
- R12: Extremely flammable.
- R15: Contact with water liberates extremely flammable gases.
- R20: Harmful by inhalation.
- R37: Irritating to respiratory system.
- R38: Irritating to skin.
- R41: Risk of serious damage to eyes.
- R65: Harmful: may cause lung damage if swallowed.
- R66: Repeated exposure may cause skin dryness or cracking.
- R67: Vapours may cause drowsiness and dizziness.
- R20/21: Harmful by inhalation and in contact with skin.
- R37/38: Irritating to respiratory system and skin.
- R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

RR22

*Explanation hazard statements:

- H220 : Extremely flammable gas.
- H225 : Highly flammable liquid and vapour.
- H226 : Flammable liquid and vapour.
- H228 : Flammable solid.
- H261 : In contact with water releases flammable gases.
- H312 : Harmful in contact with skin.

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H315 : Causes skin irritation.

H332 : Harmful if inhaled.

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

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