

Productname : EMI 35
Ref.Nr.: AB27750-3-231110
Creationdate : 23.11.10
Replaces: 28.07.10

1. IDENTIFICATION OF PRODUCT AND COMPANY

Productname : EMI 35
Aerosol

Application : Conduction electric/thermal

Company : **CRC Industries Europe bvba**
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CRC Industries Sweden	Kryptongatan 14, 43153 Mölndal	(+46)(0)31/7068480	(+46)(0)31/273991

2. HAZARD IDENTIFICATION

Health and Safety : Extremely Flammable
(DME propellant)
Repeated exposure may cause skin dryness or cracking.
Vapours may cause drowsiness and dizziness.

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.



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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

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.

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

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

hands and skin : Wear suitable protective gloves
 (butylrubber)
 (polyvinylalcohol)

eyes : Wear safety goggles.

Exposure limits :

Hazardous ingredient	CAS-nbr.	method	
EU established exposure limits:			
1-methoxy-2-propanol; monopropylene glycol methyl ether	107-98-2	TWA	100 ppm
		STEL	150 ppm
dimethyl ether	115-10-6	TWA	1000 ppm



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Hazardous ingredient	CAS-nbr.	method	
isopentyl acetate	123-92-2	TWA	50 ppm
		STEL	100 ppm
butanone; ethyl methyl ketone	78-93-3	TWA	200 ppm
		STEL	300 ppm

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

Apperance : physical state : DME propelled liquid.
colour : Copper.
odour : Solvent.
Boiling point/range : Not available.
Relative density : 1.3 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 : > 150 °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.
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 : May cause irritation.

12. ECOLOGICAL INFORMATION

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

Product : Do not discharge into drains or the environment, dispose to an authorised waste collection point. 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, Tunnel-code : (D)

Sea - IMDG : UN1950 Aerosols Class : 2, PG : NA, Label : 2.1
EmS F-D, S-U

Air - IATA/ICAO : UN1950 Aerosols, flammable Class : 2, PG : NA, Label : 2.1

15. REGULATORY INFORMATION

Warning symbol(s) : F+ : EXTREMELY FLAMMABLE

Risk-phrase(s) : R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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 vapours/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.

Classified according to Dir. 2008/47/EC amendment of the aerosol dispenser directive 75/324/EEC.

Classification according to EU-directive 99/45/EC



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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.

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REVISIONS IN CHAPTRE :

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***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.