



SAFETY DATA SHEET R 41 CE Part B

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME R 41 CE Part B

SUPPLIER **AARDEX ENDURA (INDIA) PRIVATE LIMITED**
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2. HAZARDS IDENTIFICATION

Flammable. Harmful by inhalation and in contact with skin. May cause sensitisation by skin contact

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPOSITION
aliphatic amine, xylene, 1-methoxy-2-propanol, butanol.

4. FIRST-AID MEASURES

INHALATION
Remove from exposure, rest and keep warm and obtain medical attention urgently.

INGESTION
Obtain medical attention. Do NOT induce vomiting. Beware of aspiration if vomiting occurs.

SKIN CONTACT
Wash immediately with soap and water or suitable skin cleanser. Obtain medical advice if skin disorders develop.

EYE CONTACT
Irrigate immediately with copious quantities of water for several minutes. Obtain medical attention urgently.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
Carbon dioxide, powder, foam or water fog - Do not use water jets.

SPECIAL EXPOSURE HAZARDS
Toxic fumes. For further information see Section 10.

SPECIAL PROTECTIVE EQUIPMENT
Self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
Immediately issue NO SMOKING and NO NAKED FLAMES warnings. Wear suitable protective clothing, gloves and eye/face protection.

ENVIRONMENTAL PRECAUTIONS
Prevent entry into drains, sewers and water courses.

DECONTAMINATION PROCEDURES
Soak up with inert absorbent or contain and remove by best available means. Gather into containers. Dispose of as waste.

R 41 CE Part B**7. HANDLING AND STORAGE****USAGE PRECAUTIONS**

Maintain good standards of personal hygiene. Avoid skin and eye contact. Do not eat, drink or smoke whilst using this product. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

STORAGE PRECAUTIONS

Store in conformity with local fire regulations. Store away from sources of ignition. Store in a cool place away from sources of heat and out of direct sunlight to avoid pressure build up.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**PROTECTIVE EQUIPMENT****PROCESS CONDITIONS**

Provide eyewash station.

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided. Use chemical cartridge protection with appropriate cartridge.

HAND PROTECTION

Nitrile gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable. Barrier cream Applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin.

EYE PROTECTION

Wear tight-fitting goggles or face shield.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Colour	Amber
Odour	Aromatic
pH (concentration)	Not applicable
Boiling Point/Range (°C)	116 - 130 Deg. C
Flash Point (closed, °C)	23
Autoflammability (°C) Autoignition temperature	~300
Explosive Properties (%) Lower explosive limit (LEL)	1.0%. Upper explosive limit (UEL) : 11.5%.
Water Solubility	Insoluble
Vapour Pressure	~0.6 kPa at 20 deg C

10. STABILITY AND REACTIVITY**STABILITY**

Contains volatile solvent.

CONDITIONS TO AVOID

Any source of ignition.

MATERIALS TO AVOID

Strong acids, strong alkalis. Strong oxidising agents

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition:- Oxides of carbon. Toxic fumes.

R 41 CE Part B**11. TOXICOLOGICAL INFORMATION****INHALATION**

Harmful by inhalation. Vapours may cause headaches, dizziness and central nervous system depression. High concentrations of vapour can cause narcosis and asphyxiation.

INGESTION

May cause irritation of mouth, throat and digestive tract. Aspiration of liquid during ingestion or from vomiting may cause severe chemical pneumonitis.

SKIN CONTACT

Irritation. May cause sensitisation. Harmful by absorption through the skin.

May defat the skin.

EYE CONTACT

Irritating and may injure eye tissue if not removed promptly. Vapour may cause irritation.

CHRONIC

Repeated and prolonged skin contact may lead to skin disorders.

12. ECOLOGICAL INFORMATION**ENVIRONMENTAL ASSESSMENT**

Contains volatile organic compounds.

MOBILITY

Mobile liquid. Contains volatile components. Insoluble in water.

PERSISTENCE AND DEGRADABILITY

Not readily biodegradable

ECOTOXICITY

Ecotoxic to fish/daphnia/algae.

13. DISPOSAL CONSIDERATIONS**DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

UN Number : 1263

IMO: Class : Packing Group: Marine Pollutant: 3.3 III No

IATA/ICAO : Class: Packing Group: 3 III

ADR: Class : Item: 3 31(c)

Transport Name : Paint Related Material

15. REGULATORY INFORMATION**HAZARD LABEL DATA**

HARMFUL

NAMED INGREDIENTS

epoxy resin (number average molecular weight <700). Xylene (mixture of isomers)

UN Number : 1263

Symbol(s) : Xn

RISK PHRASES

Flammable. Harmful by inhalation and in contact with skin. Irritating to eyes and skin. May cause sensitisation by skin contact.

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SAFETY PHRASES

Keep away from sources of ignition - No smoking.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection. Use only in well ventilated areas. Contains epoxy constituents. See information supplied by the manufacturer.

16. OTHER INFORMATION

TRAINING ADVICE : The details of this data sheet must be passed on to all personnel handling the product.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.