

# SAFETY DATA SHEET

## MATERIAL SAFETY DATA SHEET

Last changed: 01/15/03

Internal No.: H001

Replaces date:

### CORRO-COAT EP-F, EP-R

#### 1. IDENTIFICATION OF SUBSTANCE AND COMPANY

<input checked="" type="checkbox"/>	Approved for use	<input type="checkbox"/>
<input type="checkbox"/>	Approved for laboratory use	<input type="checkbox"/>
<input type="checkbox"/>	Approved by Jotun AS	<input type="checkbox"/>

<b>TRADE NAME</b>	CORRO-COAT EP-F, EP-R
<b>SYNONYMS</b>	Serie 91: EP-R ; Serie 92: EP-F 1003 LD / 1003 HW / 1003 SD, EP-F 2013 PR, EP-F 2004 HTg
<b>APPLICATION</b>	Powder coatings
<b>FORMULA</b>	

<b>PR no.</b>	-
<b>ART No.</b>	H001

<b>Producer/importer</b>	Jotun Powder Coatings Ltd.
<b>Address</b>	Flixborough industrial Estate
<b>Postal code</b>	DN 158SD Scunthorpe, North Lincilnshire
<b>Country</b>	United Kingdom
<b>Telephone</b>	(0) 1724 86 12 26
<b>Fax</b>	(0) 1724 28 06 15
<b>Contact pers.</b>	JPC (N) AS. Tel.: + 47 33 16 40 00
<b>Emergency Telephones</b>	Contact the National Poison Center

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

No	Ingredient name	EC No.	CAS No.	Conc. (wt%)	Classification
1	EPOXY RESIN (molw. > 700)	-	25036-25-3	50-100	

Legend: T+=Very toxic, T=Toxic, C=Corrosive, Xn=Harmful, Xi=Irritant, E=Explosive, O=Oxidising, F+=Extremely flammable, F=Highly flammable, N=Dangerous for the environment

#### INGREDIENT COMMENTS

Look to sect. 16 for text of R-phrases above.

#### 3. HAZARDS IDENTIFICATION

##### HEALTH

Not classified.

##### FIRE AND EXPLOSION

Not flammable, but combustible.

##### ENVIRONMENT

Not regarded as dangerous for the environment.

#### 4. FIRST AID MEASURES

##### GENERAL

If poisoning symptoms are observed, immediately consult a doctor. Never give anything by mouth to an unconscious person.

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#### **INHALATION**

Move the exposed person to fresh air at once. Contact physician.

#### **SKIN CONTACT**

Wash skin with soap and water.

#### **EYE CONTACT**

Remove any contact lenses and rinse with water for at least 15 minutes (keep the eyelids open). Contact physician if irritation persists.

#### **INGESTION**

Contact physician if larger quantity has been consumed. **DO NOT INDUCE VOMITING!**

### **5. FIRE-FIGHTING MEASURES**



#### **EXTINGUISHING MEDIA**

Can be extinguished with water mist, powder, foam or carbon dioxide.

#### **IMPROPER EXTINGUISHING MEDIA**

Do not use a direct water jet that could spread the fire.

#### **FIRE AND EXPLOSION HAZARDS**

Dust may form explosive mixture with air. Fire causes formation of toxic gases.

#### **PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS**

Use supplied air respirator if substance is involved in a fire.

#### **OTHER INFORMATION**

Generates massive smoke during fire.

### **6. ACCIDENTAL RELEASE MEASURES**



#### **PERSONAL PRECAUTIONS**

Wear suitable respiratory protection.

#### **ENVIRONMENTAL PRECAUTIONS**

Do not contaminate water sources or sewer.

#### **METHODS FOR CLEANING UP**

Sweep away and collect into a suitable container. Collect in a container for recovery or incineration.

### **7. HANDLING AND STORAGE**



#### **HANDLING PRECAUTIONS**

Note the risk of dust explosion.

#### **HANDLING ADVICE**

Take precautionary measures against static discharges. Use explosion-proof electric equipment. The equipment must be earthed. Keep away from sources of ignition - No smoking. Avoid handling which leads to dust formation.

#### **STORAGE**

Keep in cool, dry, ventilated storage and closed containers. Keep away from sources of ignition - No smoking.

### **8. EXPOSURE CONTROL/PERSONAL PROTECTION**



#### **EXPOSURE CONTROL**

Use mechanical ventilation in case of handling which causes formation of dust.

#### **RESPIRATORY PROTECTION**

If necessary, respirator (full face mask or half mask) with P2 particle filter or breathing apparatus.

#### **EYE PROTECTION**

Use tight fitting goggles if dust is generated.

#### **HAND PROTECTION**

Use suitable protective gloves if risk of skin contact.

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#### PROTECTIVE CLOTHING

Wear appropriate clothing to prevent reasonably probable skin contact.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES



<b>Physical State:</b>	Powder.		
<b>Colour:</b>	Various		
<b>Odour:</b>	No characteristic odour.		
<b>Solubility:</b>			
<b>Melting point/range:</b>	85-115°C	<b>Density:</b>	1,2-1,9 kg/dm <sup>3</sup>
<b>Expl. limit LEL-UEL%:</b>	> 30g/m <sup>3</sup>	<b>Solubility in water:</b>	Negl.
<b>Vapour pressure:</b>		<b>Saturation conc.:</b>	
<b>Decomposition temp.:</b>	> 230°C	<b>Rel. dens. sat. air (air=1):</b>	
<b>pH solution:</b>		<b>Boiling point/range:</b>	
<b>Flash point:</b>		<b>pH concentrate:</b>	
<b>Molar weight:</b>		<b>Viscosity:</b>	
<b>Ignition temp.:</b>	> 400°C	<b>Odour threshold value:</b>	
<b>Rel.vap.dens.(air=1):</b>		<b>Rel. evap. velocity:</b>	
<b>Air reactive:</b>		<b>Water reactive:</b>	

#### 10. STABILITY AND REACTIVITY



##### STABILITY

High concentrations of dust may form explosive mixture with air.

##### MATERIALS TO AVOID

May react with strong oxidants and with strong acids or bases.

##### HAZARDOUS DECOMPOSITION PRODUCTS

Poisonous and/or irritating vapours emitted when heated to decomposition. Carbon oxides and organic products of decomposition are emitted in a fire.

#### 11. TOXICOLOGICAL INFORMATION



<b>Acute oral tox.</b>
<b>Acute derm. tox.</b>
<b>Inh. toxicity</b>

##### INHALATION

Inhalation of large quantities may be dangerous. Inhalation may cause irritation of the respiratory organs.

##### SKIN CONTACT

Protracted or repeated contact may cause transitory irritation.

##### EYE CONTACT

May cause mechanical irritation.

##### INGESTION

Not relevant. Ingestion of large quantities may cause nausea and vomiting.

##### ACUTE AND CHRONIC TOXICITY

-

##### SENSITIZATION

-

##### CARCINOGENICITY

-

##### MUTAGENICITY

-

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#### REPRODUCTIVE TOXICITY

-

#### 12. ECOLOGICAL INFORMATION

##### MOBILITY

Low solubility in water. The product floats on water.

##### DEGRADABILITY

Not readily biodegradable.

##### ACCUMULATION

-

##### ECOTOXICITY

Not regarded as dangerous for the environment.

#### 13. DISPOSAL CONSIDERATIONS

##### GENERAL REGULATIONS

Dispose of on site landfill area.

##### CATEGORY OF WASTE

WASTE GROUP08 02 01

#### 14. TRANSPORT INFORMATION

Classified as Dangerous Goods:

Yes

No

N/A

##### OTHER INFORMATION

#### 15. REGULATORY INFORMATION

Classif.:

EC-Label

Yes

No

N/A

YL group

YL no.

#### 16. OTHER INFORMATION

##### VENDOR NOTES

The SDS has been quality assured by "The National Institute of Technology, Laboratory Services a.s., Norway. The information of this SDS is based on the present state of our knowledge and on current EU laws.

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**ISSUED:**

#### REVISION HISTORY

Version	Rev. date	Responsible	Changes
2.0.0	01/15/03	HT/SBE	1-16