

SDS Reference CAT094  
Version No. 2  
Revision Date 01-11-2006  
First Issue Date 26<sup>TH</sup> MAY 2004

# Safety Data Sheet



## EMCOL ROAD REPAIR COMPOUND

### 1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

**Product Name** EMCOL ROAD REPAIR COMPOUND  
**Use(s)** Road repair compound  
**Company Identification** CATOMANCE TECHNOLOGIES LIMITED  
4 CAXTON PLACE  
STEVENAGE  
HERTS SG1 2UF  
**Telephone:** 01438 360747 (24 hours)

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical Characterisation** MINERAL AGGREGATES (E.G. GRANITE, BASALT, LIMESTONE) CONTAINING A MIXTURE OF ORGANIC SUBSTANCES

<u>Chemical name</u>	<u>CAS-No</u>	<u>EINECS/ELINCS</u>	<u>Classification</u>	<u>Concentration</u>
WHITE SPIRIT	64742-88-7	265-191-7	Xn: R65, R66 N: R51, 53 (see section 16)	Approx. 1%
REACTION PRODUCT WITH N-(2-AMINOETHYL) PIPERAZINE	92062-17-4	295-532-5	Xi: R38, R41 N: R50, 53	< 0.05%

### 3. HAZARDS IDENTIFICATION

#### Physical & Chemical:

**Health:** ACCORDING TO EXPERIENCE, THE PRODUCT IS CONSIDERED TO BE HARMLESS TO HEALTH IF HANDLED IN THE CORRECT MANNER.

**Environmental:** ACCORDING TO EXPERIENCE, THE PRODUCT IS CONSIDERED TO BE HARMLESS TO THE ENVIRONMENT IF HANDLED IN THE CORRECT MANNER.

### 4. FIRST AID MEASURES

#### General information

**Inhalation** Not normally a route of exposure.  
**Skin contact** No special first aid measures necessary.  
**Eye contact** Wash eyes thoroughly with plenty of water until irritation subsides. If necessary, seek medical advice.  
**Ingestion** Allow the patient to vomit on his own accord. Give copious water to drink; if necessary seek medical advice.

#### Further information

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## 5. FIRE FIGHTING MEASURES

<b>General hazard</b>	THE PRODUCT IS NOT FLAMMABLE
<b>Extinguishing media</b>	To suit local surroundings (e.g. water spray, carbon dioxide, foam or chemical powder)
<b>Extinguishing media not to be used</b>	None known.
<b>Special exposure hazards</b>	The thermal decomposition products released should be considered toxic if inhaled.
<b>Protective equipment</b>	Wear self-contained breathing apparatus.
<b>Further information</b>	

## 6. ACCIDENTAL RELEASE MEASURES

<b>Methods for cleaning up</b>	Adhere to personal protective measures. Take up mechanically (e.g. sweep or vacuum up) into tightly closed containers. Label container and dispose of as prescribed.
<b>Environmental considerations</b>	Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.
<b>Further information</b>	

## 7. HANDLING & STORAGE

<b>Advice on safe handling</b>	Handle in accordance with good hygiene and safety practice.
<b>Storage conditions</b>	Ensure adequate ventilation of the storage area. Keep containers tightly closed and dry.
<b>Further information</b>	

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Exposure controls</b>	Although there are occupational exposure limit values for white spirit, under normal usage the levels released to the environment will be negligible.
<b>Engineering controls</b>	Ensure adequate ventilation of working area.
<b>Personal protection</b>	Observe normal standards for handling chemicals. Avoid contact with eyes. Wash hands before breaks and after work. Personal protective equipment is not normally required – gloves can be worn for personal hygiene.
<b>Eye protection</b>	Normally not applicable.
<b>Skin protection</b>	Normally not applicable.
<b>Respiratory protection</b>	Not applicable.
<b>Other protection</b>	Protective overalls

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## 9. PHYSICAL & CHEMICAL PROPERTIES

<b>Physical form</b>	Asphalt-like
<b>Colour</b>	Black
<b>Odour</b>	Slightly of white spirit
<b>pH</b>	Not applicable.
<b>Boiling pt / range</b>	Not applicable. °C
<b>Melting pt / range</b>	Not determined. °C
<b>Flash point</b>	Not applicable. °C
<b>Density</b>	Approx. 1.7 g/cm <sup>3</sup>
<b>Explosive limits</b>	Lower: % (v/v) Higher: % (v/v)
<b>Viscosity</b>	
<b>Vapour pressure</b>	
<b>Water solubility</b>	Insoluble

## 10. STABILITY & REACTIVITY

<b>Stability</b>	Stable under normal conditions of handling.
<b>Thermal decomposition</b>	
<b>Conditions to avoid</b>	None known.
<b>Material to avoid</b>	None known.
<b>Hazardous reactions</b>	
<b>Hazardous decomposition products</b>	Oxides of carbon, oxides of nitrogen, polycyclic aromatic hydrocarbons.

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	LD <sub>50</sub> rat (oral)	mg/kg	No data are available
<b>Dermal compatibility</b>	No data are available		
<b>Mucous membrane compatibility</b>	No data are available		

## 12. ECOLOGICAL INFORMATION

<b>Acute toxicity</b>	LC <sub>50</sub> Fish	mg/l	No data are available
<b>Degradability</b>	No data available		
<b>Further information</b>	Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once. The bitumen in the product persists in the environment.		

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## 13. DISPOSAL CONSIDERATIONS

**Advice on disposal** In accordance with national and local authority regulations, e.g. special waste or incineration

**Contaminated packaging** Treat empty containers in the same way as the product or if possible wash out thoroughly and recycle.

## 14. TRANSPORT INFORMATION

**United Nations number** Not classified for transport.

**Marine pollutant** The product should not be marked as a marine pollutant.

**Further information**

## 15. REGULATORY INFORMATION

**Classification & labelling** In accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations, [CHIP 3.1] the product is not classified.

**Risk phrases**

**Safety phrases**

## 16. OTHER INFORMATION

**Further information** The SDS has been revised in the following sections: 2; 16  
The product contains < 0.1% benzene.

**Sources of data** Other suppliers' safety data sheets

### Risk phrases referred to in section 2

R38: Irritating to skin  
R41: Risk of serious damage to eyes.  
R50: Very toxic to aquatic organisms  
R51: Toxic to aquatic organisms.  
R53: 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 and cracking.

**Date of issue** 01-11-2006

**This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. It should not be construed as guaranteeing specific properties.**

Prepared by Rising HS&E Services