

<b>MATERIAL SAFETY DATA SHEET</b>
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**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

SUPPLIER: METPREP LTD.  
CURRIERS CLOSE  
CHARTER AVENUE  
COVENTRY CV4 8AW

TELEPHONE: PRODUCT INFORMATION: 024 7642 1222

FAX: 024 7642 1192

CHEMICAL NAME:

PRODUCT: RED BAKELITE

PRODUCT NUMBERS: 11 20 021, 11 20 08

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

CHEMICAL NATURE:  
Phenolic moulding compound (two step resin)

INGREDIENT (S):	CAS NUMBER:	%:	HAZARD SYMBOL:	R PHRASES:
Methenamine	100-97-0	4 - 7	F, Xn	11, 42/43
Phenol	108-95-2	<1.0	T	24/25, 34

**3. HAZARDS IDENTIFICATION**

Does not require hazard warning label

**4. FIRST AID MEASURES**

GENERAL INFORMATION: Remove contaminated or saturated clothing immediately.

INHALATION:

SKIN: When contact with skin, rinse immediately with soap and water.

EYE: Irrigate with eyewash solution or clear water, holding the eyelids apart, for at least 5 minutes. Obtain immediate medical attention.

INGESTION: Do not induce vomiting. Wash out mouth with water and give 200-300 ml (half a pint) of water to drink.

Obtain medical attention. Never give anything by mouth to an unconscious person. Call a physician.

**5. FIRE FIGHTING MEASURES**

EXTINGUISHING MEDIA: Dry Sand, foam, dry powder or CO<sub>2</sub>. Keep fire exposed containers cool by spraying with water.

UNSUITABLE EXTINGUISHING MEDIA:

FIRE FIGHTING PROTECTIVE EQUIPMENT: A self-contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

FURTHER INFORMATION: Burning produces Carbon Oxides, Nitrogen Oxides, Ammonia, Formaldehyde vapours, and under certain conditions of combustion, traces of other toxic substances cannot be excluded.

**6. ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS: Ensure adequate ventilation.

ENVIRONMENTAL PRECAUTIONS: Prevent entry into drains. Do not contaminate surface water. Avoid subsoil penetration.

METHODS OF CLEANING UP: Pick - up mechanically. Dispose of absorbed material in accordance with regulations.

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**7. HANDLING AND STORAGE**

**HANDLING:** Provide exhaust ventilation if dust is formed. Suitable industrial vacuum cleaners or central exhaust ventilation equipment must be used for taking up dust

**STORAGE:** Keep only in original container. Store in cool, dry place away from heat, sparks, flame and direct sunlight.  
Keep container closed to prevent water absorption and contamination. Keep away from sources of ignition – No Smoking.

**IMPORTANT:**

**STORAGE TEMPERATURE:** Preferably not exceeding 35 °C.

**INDUSTRIAL HYGIENE PRACTICES:** Wash face and hands thoroughly with the soap and water after use and before eating, drinking, smoking or applying cosmetics.

**8. EXPOSURE CONTROL / PERSONAL PROTECTION****COMPONENTS WITH WORKPLACE CONTROL PARAMETERS:**

CAS No:	Material	Type	Value	Unit
108-95-2	Phenol	MAK	19	mg /m <sup>3</sup>
000050-00-0	Formaldehyde	MAK	0.6	mg /m <sup>3</sup>
7664-41-7	Ammonia, anhydrous		35	mg /m <sup>3</sup>

These substances appear in small quantities if the product is heated to temperatures above 100 °C. There is no appearance under normal storage conditions

Dust	MAK	6	mg /m <sup>3</sup>
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**ENGINEERING MEASURES:** No special precautions required.

**PERSONAL PROTECTIVE EQUIPMENT:**

**RESPIRATORS:** Wear suitable respiratory protective equipment if exposure to levels above the occupational exposure limit is likely. A suitable mask with filter type A may be appropriate. In the event of formation of particularly high levels of dust a self-contained breathing apparatus may be appropriate.

**EYE PROTECTION:** Safety glasses or chemical splash goggles.

**GLOVES:** Wear suitable gloves. PVA/Polyethylene laminate and supported PVA gloves offer the best protection. Gloves should be changed regularly and if excessive exposure has occurred.

**OTHER:** Wear suitable protective clothing.

**PROTECTIVE MEASURES:** Do not breathe vapours/dust. Keep away from sources of ignition – No smoking. Avoid contact with skin, eye & clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>FORM:</b>	Granules	
<b>COLOUR:</b>	Red	
<b>ODOUR:</b>	Almost odourless	
<b>PH</b>	NA at 20 °C	
<b>BOILING POINT:</b>	NA °C	
<b>MELTING POINT:</b>	>100 °C	
<b>THERMAL DECOMPOSITION:</b>	NA °C	
<b>IGNITION TEMPERATURE:</b>	>450 °C	DIN 51794
<b>VAPOUR PRESSURE:</b>	NA at 20 °C	
<b>DENSITY:</b>	1.3 - 1.8 g/cm <sup>3</sup>	ISO 1183
<b>WATER SOLUBILITY:</b>	Partly Soluble	
<b>MISCIBILITY WITH WATER:</b>	NA	
<b>VISCOSITY:</b>	NA at 25 °C	

**10. STABILITY AND REACTIVITY**

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CONDITIONS TO AVOID: No hazardous reactions known.

INCOMPATIBILITY (MATERIALS TO AVOID):

HAZARDOUS DECOMPOSITION PRODUCTS:

## 11. TOXICOLOGICAL INFORMATION

ACUTE ORAL TOXICITY:

ACUTE DERMAL TOXICITY:

EYE IRRITATION:

SKIN IRRITATION:

SENSITISATION: Not sensitizing on guinea pigs      OECD 406  
After years of appropriate handling, no health problems have been observed.

## 12. ECOLOGICAL INFORMATION

EXOTOXICITY EFFECTS: The product has not been tested. Because of the product's consistency and low solubility in water bioavailability is not likely

FURTHER INFORMATION ON ECOLOGY: Do not allow product to reach drainage. May be separated out mechanically at purification plants.

## 13. DISPOSAL CONSIDERATIONS

PRODUCT: For recycling, consult manufacturer. In accordance with regulations for special waste, must be taken to an authorized special waste disposal or incineration plant

PACKAGING: Uncontaminated packaging may be taken for recycling.

## 14. TRANSPORTATION

LAND TRANSPORT:

ADR

REGULATION:                      Not dangerous goods – full transport

RID:

REGULATION:                      Not dangerous goods – full transport

AIR TRANSPORT –

IATA CLASS:

REGULATION                      Not dangerous goods – full transport

OCEAN TRANSPORT –

IMDG CLASS:

REGULATION                      Not dangerous goods – full transport

## 15. REGULATORY INFORMATION

EC REGULATIONS –

EINECS: all chemical listed

EEC Classification:

Risk Phrases:

Safety Phrases:

HAZARDOUS COMPONENTS WHICH MUST BE LISTED ON THE LABEL:

NATIONAL LEGISLATION:

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NOTIFICATION STATUS: EINECS      Not Required  
   TSCA

**16. ADDITIONAL INFORMATION**

This data sheet was prepared in accordance with Directive 91/155/EEC.

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