

**1- Product and company identification**

Trade name: **KAT 2200**  
**Adhesive filler for epoxy resin**

**Manufacturer / Supplier:**

**SICOMIN Composites**  
RN 568 Quartier la Moutte BP 23  
13 161 Châteauneuf-les-Martigues Cédex -France-  
Phone: 33.04.42.42.30.20 Fax: 33.04.42.81.29.29 [composites@sicomin.com](mailto:composites@sicomin.com)

**2- Composition / Information on ingredients**

**Chemical characterization:** Dispersed solid polymer in Alkyl polyamine

CAS Number	Chemical Name	%	Symbol	Risk Classification
330-54-1	Diuron	< 20	Xn,N	22 40 48/22 50/53
7631-86-9	Dicyandiamide	> 40		
9046-10-0	Alkyl polyamine	< 20	C	21/22 34 43

**3- Hazards Identification**

C: Corrosive



N: Environmentally hazardous substance

- R 21/22: Harmful by skin contact and if swallowed  
 R 40: Possible risks of irreversible effects  
 R 48/22: Harmful: danger of serious damage to health by prolonged exposure through inhalation  
 R 50/53 Very toxic to aquatic organism, may cause long term adverse effects in the aquatic environment

**4- First aid measures****Signs and symptoms of exposure (acute effects)****Eye contact:**

Rinse immediately with plenty of water for at least 15'. Get medical attention.

**Skin contact:**

Immediately remove contaminated clothing. Remove the excess and wash with water and soap.

**Ingestion:**

Do not induce vomiting. Consult immediately a physician

**Inhalation:**

Remove from the contaminated area and keep warm and at rest. Get medical attention.

**5- Fire fighting measures****Suitable extinguishing agents:**

Powder CO<sub>2</sub>, foam. Cool the containers with water spray. Polluted water doesn't empty into drains

**Products to avoid:**

ND

**Products of combustion will include:**

Gas as nitrogen gas (NOx), carbon monoxide (CO), Cyanhydric acid (HCN), Hydrogen chlorhyde (HCl)

**Protective equipment:**

Use breathing apparatus.

## 6- Accidental release measures

### Individual precautions:

Use gloves, goggles, masks and protective clothing  
Use breathing equipment if the area is narrow, keep fire sources away

### Environmental precautions:

Keep the product away from superficial and underground water. In the event of product entering waters or drainage system or pollution soil or plants, informing fire service or police.

### Cleaning procedures:

Soak up inert material in accordance with law regulations. Wash with water & detergents.

## 7- Handling and storing

### Handling:

Use personal protection (see point 8). Provide adequate ventilation.

### Storing:

Store in well ventilated area, in close containers.  
The product is sensitive to CO<sub>2</sub> and humidity.  
Heat @ 60 °C and mix it before use

## 8- Exposure controls / personal protection

### Precautionary measures:

Provide adequate and effective ventilation

### Respiratory protection:

Mask with adequate filters and breathing equipment

### Hand protection:

Use appropriate gloves

### Eyes protection:

Wear goggles or a face visor

### Skin protection:

Use protective clothing, exercising reasonable personal cleanliness

## 9- Chemical / Physical properties

Appearance	: High viscous / solid state
Colour	: White
Odour	: Weak, characteristic
Ph	: Alkaline
Melting point	: na
Decomposition temperature	: 120 °C
Flash point	: 121 °C
Solubility in water	: Partially soluble (20-30) g/l
Solubility in organic solvents	: Alcohols
Specific gravity (Kg / l 20°C)	: 1.13 - 1.15
Viscosity (mPa.s 25°C)	: na
Pression de vapeur (mbar à 20°C)	: 0.02

## 10- Stability and reactivity data

Precautions: ND

### Materials to avoid:

Acids, strong oxidizers

### Hazardous decomposition products:

In case of fire, the product may develop toxic gas as nitrous gas, carbon monoxide, etc..

### 11- Toxicological information

Consider the concentration of each substance to evaluate toxicological effects caused by exposure

Cas number	Inhalation LD 50 (oral, rat) mg/kg	Skin contact LD 50 (rabbit) mg/kg	Long term effect Skin cobaye	Eyes cobaye
330-54-1	4150	> 5000	no irritant	no irritant
7631-86-9	> 250	> 2000	no irritant	no irritant
9046-10-0	nd	2980	no irritant	corrosive

### 12- Ecological Information

#### General notes:

Do not empty into drains

Fish toxicity:	LC 50 (96 h)= 7700 mg / l	Ochorhyncus mykiss
Daphnia:	EC 50 (48h) = 3177 mg / l	
Bacteria:	EC 10 = 131 mg / l	Pseudomonas putida (inhibition of cell proliferation)

### 13- Disposal considerations

Dispose of in accordance with local and national regulations

### 14- Transport Information

**Correct technical name:** Solid with corrosive liquid, nsa  
**Content:** Polymer dispersed in polyalkyl amines  
**ONUN°:** 3244

<b>Air transport - OACI / IATA</b>	Class 8	Group: II	Cargo: p816 / 50 kg / 1A2
<b>Sea transport - IMDG</b>	Class 8 N° EMS:	Group: II 8-15	IMDG page: 185 MFAG: 320 Marine pollutant: yes
<b>Road transport - ADR / RID</b>	Class 8		HI/Kemler n°: 80 Label:8

### 15- Regulatory information

#### Label EEC:

Regulation 88 / 379

#### Hazard symbol:

C: Corrosive      N: Environmentally hazardous substance

#### Risk Phrases :

R 21/22: Harmful by skin contact and if swallowed  
R 40: Possible risks of irreversible effects  
R 48/22: Harmful: danger of serious damage to health by prolonged exposure through inhalation  
R 50/53: Very toxic to aquatic organism, may cause long term adverse effects in the aquatic environment

#### Safe Phrases:

S 26: In case of contact with eye, rinse immediatly with plenty of water and seek medical advice  
S 36/37/39: Wear suitable protective clothing, gloves, and eye face protection  
S 61: Avoid release to the environment

**16-Other information**

Note:

The information herein is given in good faith and to the best of our knowledge but no warranty, express or implied, is made. Since the use of this information and the conditions of use of the product are not within our control, it is the user's obligation to determine the condition of safe use of the products.

NA: Not applicable      ND: Not determined

**Department issuing data specification sheet / Contact:**

Mr Jean-Pierre GROS (R&D) Phone: 33.04.42.42.30.20 Fax: 33.04.42.81.29.29