

## Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the REACH Regulation (EC) 1907/2006 and its modifications.

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

#### 1.1 Identification of the substance or preparation

WRAPKOTE SG527 Metal Stick

#### 1.2 Use of substance/preparation

Epoxy repair material

#### 1.3 Company/undertaking identification

**Address:** 4 Aldridge Depot, Aldridge WS9 8SR

**E Mail:** sales@parkerjames.co.uk

**Website:** www.parkerjames.co.uk

#### 1.4 Emergency telephone number

+44 (0)1922 457664

### 2. HAZARDS IDENTIFICATION

#### Indication of danger

Dangerous to environment.

Irritant.



#### Risk phrases

R36/38 Irritating to eyes and skin.

R43 May cause sensitisation by skin contact.

R51/53 Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

#### Other hazards

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Nbr	EU Inventory	% by Wt	Classification
Fillers	Mixture		50- 80	

**WRAPKOTE SG527 Metal Stick**

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane	25068-38-6		10- 20	Xi:R36-38; N:R51/53; R43 (EU)
Bisphenol A diglycidyl ether - bisphenol A copolymer	25036-25-3		5- 15	Xi:R36-38; R43
2,2-Bis(p-hydroxyphenyl)propane diglycidyl ether polymer	25085-99-8		1- 10	N:R51/53 (Vendor) Xi:R36-38; R43
2,4,6-Tris(dimethylaminomethyl)phenol	90-72-2	EINECS 202-013-9	< 2	Xn:R22; Xi:R36-38 (EU)
Diisodecyl Phthalate	26761-40-0	EINECS 247-977-1	< 1	Repr.Cat.3:R63

Please see section 16 for the full text of any R Phrases referred to under heading 3 of this safety data sheet

Please refer to section 15 for the any applicable Notas that have been applied to the above components

**4. FIRST AID MEASURES**

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

**Inhalation**

Remove person to fresh air. If signs/symptoms develop, get medical attention.

**Skin contact**

Remove contaminated clothing and shoes. Immediately flush skin with large amounts of water. Get medical attention. Wash contaminated clothing and clean shoes before reuse.

**Eye contact**

Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

**Ingestion**

Do not induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

**5. FIRE FIGHTING MEASURES****Suitable extinguishing media**

Material will not burn. Use fire extinguishers with class B extinguishing agents (e.g. dry chemical, carbon dioxide).

**Unsuitable extinguishing media****Special exposure hazards**

Not applicable.

**Special instructions for firefighters**

Wear full protective equipment and a self-contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions**

Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice. Warning: A motor could be an ignition source and could cause flammable gases or vapours in the spill area to burn or explode.

**Environmental procedures**

Place in a closed container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.

#### Methods for cleaning up

Please observe precautions from other sections of this Safety Data Sheet. Collect as much of the spilled material as possible. Clean up residue with an appropriate solvent selected by a qualified and authorised person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and Safety Data Sheet.

## 7. HANDLING & STORAGE

### 7.1 Handling

For industrial or professional use only. Keep out of the reach of children. Avoid inhalation of airborne material. Avoid skin contact. Avoid eye contact. Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Avoid breathing of dust created by cutting, sanding, grinding or machining. Avoid eye contact with dust or airborne particles. Avoid contact with oxidising agents.

### 7.2 Storage

Store away from areas where product may come into contact with food or pharmaceuticals. Store away from acids. Store away from oxidising agents. Store away from strong bases. Store at temperatures between 5 - 32 °C.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Exposure limit values

Ingredient	CAS Nbr	Agency	Limit type	Additional comments
Diisodecyl Phthalate	26761-40-0	Health and Safety Comm. (UK)	TWA:5 mg/m <sup>3</sup>	

Health and Safety Comm. (UK) : UK Health and Safety Commission

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

ppm: parts per million

mg/m<sup>3</sup>: milligrams per cubic metre

CEIL: Ceiling

### 8.2 Exposure controls

#### 8.2.1 Occupational exposure controls

Provide appropriate local exhaust for cutting, grinding, sanding or machining. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits and/or control dust, fume, or airborne particles. If ventilation is not adequate, use respiratory protection equipment.

#### Respiratory protection

Avoid breathing of dust created by cutting, sanding, grinding or machining.

Select one of the following approved respirators based on airborne concentration of contaminants and in accordance with regulations:

Half face piece or full face air-purifying respirator with organic vapour cartridges.

Half facepiece or fullface air-purifying respirator with organic vapour cartridges and P2 particulate prefilters.

Contact Parker James Ltd for technical assistance.

#### Hand protection

Gloves made from the following material(s) are recommended:

Butyl rubber.

Polyethylene or ethylene vinyl alcohol.

#### Eye/face protection

Avoid eye contact.

The following eye protection(s) are recommended: Indirect vented goggles.

### **Skin protection**

Avoid skin contact.

The following protective clothing material(s) are recommended: Polyethylene ethylene vinyl alcohol apron.

Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment.

Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible materials.

### **Ingestion**

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

### **8.2.2 Environmental exposure controls**

No data available.

## **9. PHYSICAL/CHEMICAL PROPERTIES**

### **9.1 General information**

<b>Physical state</b>	Solid.
<b>Specific Physical Form:</b>	Concentric colored rod of semi-solid putty
<b>Appearance/Odour</b>	Sulphurous odour; Dark grey outer with black core colour

### **9.2 Important health safety and environmental information**

<b>pH</b>	<i>Not applicable.</i>
<b>Boiling point/boiling range</b>	$\geq 150$ °C [ <i>Details:Decomposes</i> ]
<b>Melting point</b>	<i>Not applicable.</i>
<b>Flammability (solid, gas)</b>	Not available.
<b>Explosive properties</b>	Not determined.
<b>Oxidising properties</b>	Not determined.
<b>Flash point</b>	<i>Not applicable.</i>
<b>Flammable limits - LEL</b>	<i>No data available.</i>
<b>Flammable limits - UEL</b>	<i>No data available.</i>
<b>Vapour pressure</b>	105.3 Pa [ <i>@ 20 °C</i> ]
<b>Relative density</b>	2.26 [ <i>Ref Std:WATER=1</i> ]
<b>Water solubility</b>	Negligible
<b>Partition coefficient: n-octanol/water</b>	<i>No data available.</i>
<b>Evaporation rate</b>	<i>Not applicable.</i>
<b>Vapour density</b>	<i>No data available.</i>
<b>Viscosity</b>	<i>No data available.</i>
<b>Density</b>	2.26 g/ml

### **9.3 Other information**

## **10. STABILITY & REACTIVITY**

Stable. Hazardous polymerisation will not occur.

### **10.1 Conditions to avoid**

None known.

### **10.2 Materials to avoid**

Amines.

Strong acids.  
Strong bases.  
Strong oxidising agents.

### 10.3 Hazardous decomposition products

<u>Substance</u>	<u>Condition</u>
Aldehydes.	Heat.
Carbon monoxide.	Heat.
Carbon dioxide.	Heat.

## 11. TOXICOLOGICAL INFORMATION

### Inhalation

Respiratory tract irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. Pneumoconiosis: Sign/symptoms may include persistent cough, breathlessness, chest pain, increased amounts of sputum, and changes in lung function tests.

### Ingestion

Gastrointestinal irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea. May be absorbed following ingestion and cause target organ effects.

### Eye contact

Moderate eye irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

### Skin contact

Moderate skin irritation: Signs/symptoms may include localised redness, swelling, itching, and dryness. Allergic skin reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

### Other health effects

Prolonged or repeated exposure may cause: Liver effects: Signs/symptoms may include loss of appetite, weight loss, fatigue, weakness, abdominal tenderness and jaundice.

## 12. ECOLOGICAL INFORMATION

### 12.1 Ecotoxicity

No product test data available.  
No component test data available.

### 12.2 Mobility

Please contact Parker James Ltd for more details.

### 12.3 Persistence and degradability

No test data available.

### 12.4 Bioaccumulative potential

No test data available.

### 12.5 Results of PBT assessment

No data available at this time.

### 12.6 Other adverse effects

No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste disposal method:** Dispose of waste product in a sanitary landfill. As a disposal alternative, incinerate in an industrial or commercial facility. Combustion products will include HCl. Facility must be capable of handling halogenated materials.

Since regulations vary, consult applicable regulations or authorities before disposal.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of EEC UK LTD, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/EC and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are complied with and always use a licensed waste contractor.

**EU waste code (product as sold)**

08 04 09\* Waste adhesives and sealants containing organic solvents or other dangerous substances

## 14. TRANSPORTATION INFORMATION

### General

The product is not covered by national / international regulations on the transport of dangerous goods

(IMDG, IATA, ADR/RID).

## 15. REGULATORY INFORMATION

### Symbols

Xi	Irritant.
N	Dangerous to environment.

### Contains:

2,2-Bis(p-hydroxyphenyl)propane diglycidyl ether polymer; 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane; Bisphenol A diglycidyl ether - bisphenol A copolymer

### Risk phrases

R36/38	Irritating to eyes and skin.
R43	May cause sensitisation by skin contact.
R51/53	Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

### Safety phrases

S22	Do not breathe dust.
S24	Avoid contact with skin.
S37	Wear suitable gloves.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.

### Special provisions concerning the labelling of certain substances

Contains epoxy resins. See information supplied by manufacturer.

### Notes on labelling

## 16. OTHER INFORMATION

### List of relevant R-phrases

R22	Harmful if swallowed.
R36	Irritating to eyes.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
R51/53	Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.
R63	Possible risk of harm to the unborn child.

### Restrictions on use

For industrial or professional use only.

### Global inventory status

All applicable chemical ingredients in this material are listed on the European Inventory of Existing Chemical Substances (EINECS), or are exempt polymers whose monomers are listed on EINECS.

### Revision information:

No revision information is available.

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