

**Material Safety Data Sheet**

YAV135

**WATERTITE EPOXY FILLER BASE**

Version No: 1 Revision Date: 11/07/2000

**1. Identification of the preparation and company**

<b>Preparation/Product Name</b>	WATERTITE EPOXY FILLER BASE
<b>Product Code</b>	YAV135
<b>HSE Number</b>	
<b>Intended use</b>	See Technical Data Sheet.
<b>Application Method</b>	See Technical Data Sheet.
<b>Company Name</b>	International Coatings Ltd Stoneygate Lane Felling Gateshead Tyne & Wear NE10 0JY UK
<b>Telephone No.</b>	+44 (0)191 4696 111
<b>Fax No.</b>	+44 (0)191 4383 711
<b>24 hour Emergency Telephone No.</b>	+44 (0)191 4696 111
<b>Official Advisory Body Telephone No.</b>	+44 (0)171 6359 191 For Advice to Doctors & Hospitals only

**2. Composition/information on ingredients**

This product contains the following substances that present a health hazard within the meaning of the Dangerous Substances Directive 67/548/EEC and the Chemicals (Hazard Information and Packaging for Supply) Regulations 1999 (2) or have occupational exposure limits detailed in EH40.

<b>Ingredient</b>	<b>CAS Number</b>	<b>Concentration Label</b>	<b>Symbol(s)</b>	<b>Risk phrases (*)</b>
Alkyl(C13-C15) glycidyl ether	068081-84-5	02.5-10	Xi	R36/38, R43
Epoxy resin (av.mol.wt.<700)	025068-38-6	25-50	Xi	R36/38, R43

\* The full texts of the phrases are shown in section 16.

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<b>3. Hazard identification of the product</b>
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Irritating to eyes and skin.  
May cause sensitisation by skin contact.

Further information is given in section 11.

<b>4. First aid measures</b>
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**General**

In all cases of doubt, or when symptoms persist, seek medical attention.

Never give anything by mouth to an unconscious person.

**Inhalation**

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

**Eye Contact**

Irrigate copiously with clean fresh water for at least 10 minutes, holding the eyelids apart and seek medical attention.

**Skin Contact**

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognised skin cleanser. Do NOT use solvents or thinners.

**Ingestion**

If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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**5. Fire-fighting measures**

Recommended extinguishing media; alcohol resistant foam, CO<sup>2</sup>. powder, water spray.

Do not use; water jet.

Note; Fire will produce dense black smoke. Decomposition products may be hazardous to health. Avoid exposure and use breathing apparatus as appropriate.

Cool closed containers exposed to fire by spraying them with water. Do not allow run off water and contaminants from fire fighting to enter drains or water courses.

**6. Accidental release measures**

Ventilate the area and avoid breathing vapours. Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations. (See section 13).

Clean, preferably with a detergent. Do not use solvents.

Do not allow spills to enter drains or watercourses.

If drains, sewers, streams or lakes are contaminated, inform the local water company immediately. In the case of contamination of rivers, streams or lakes the Environmental Protection Agency should also be informed.

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<b>7. Handling and storage</b>
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**Handling****In Storage**

Handle containers carefully to prevent damage and spillage.

**In Use**

Avoid skin and eye contact. Avoid inhalation of vapours and spray mists. Observe label precautions. Use personal protection as shown in section 8.

Smoking, eating and drinking should be prohibited in all preparation and application areas.

Never use pressure to empty a container; containers are not pressure vessels.

**Storage**

Store in a well ventilated, dry place away from sources of heat and direct sunlight.

Store on concrete or other impervious floor, preferably with bunding to contain any spillage. Do not stack more than 3 pallets high.

Keep container tightly closed. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep in the original container or one of the same material.

Prevent unauthorised access.

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**8. Exposure controls and personal protection**

**Engineering Measures**

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapour below occupational exposure limits suitable respiratory protection must be worn.

**Exposure Limits**

The following occupational exposure limits have been established by the Health and Safety Executive as published in EH40.

Material	Short term (15 min. ave)		Long term (8hr time weighted average)	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>

(M) Maximum Exposure Limit

(S) Occupational Exposure Standard

(R) Suppliers Recommended Limit

(+) There is a risk of absorption through unbroken skin.

**Personal Protection**

**Respiratory Protection**

When concentrations exceed the exposure limits shown above workers must wear appropriate respirators approved in accordance with Directive 89/656/EEC and the Personal Protection Equipment Regulations.

**Eye Protection**

Wear safety eyewear, e.g. safety spectacles, goggles or visors to protect against the splash of liquids. Eyewear should comply with British Standard 2092.

**Hand Protection**

Gloves of an appropriate material should be worn during mixing and application.

**Skin Protection**

Overalls which cover the body, arms and legs should be worn. Skin should not be exposed. Barrier creams may help to protect areas which are difficult to cover such as the face and neck. They should however not be applied once exposure has occurred. Petroleum jelly based types such as Vaseline should not be used. All parts of the body should be washed after contact.

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**9. Physical and chemical properties**

<b>Physical State</b>	Paste
<b>Flash Point (deg C)</b>	101
<b>Viscosity (cSt)</b>	-
<b>Specific Gravity</b>	1.844
<b>Vapour Density</b>	Heavier than air.
<b>Lower Explosive Limit</b>	0.0
<b>Solubility in Water</b>	Immiscible
<b>R.A.Q. to ventilate to 10% of the LEL (m<sup>3</sup>/l)</b>	0

**10. Stability and reactivity**

Stable under recommended storage and handling conditions (see section 7). When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide, carbon dioxide, oxides of nitrogen and smoke.

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid possible exothermic reactions.

**11. Toxicological information**

There are no data available on the product itself.

Based on the properties of the epoxy constituents and considering toxicological data on similar preparations this preparation may be an irritant and a skin and respiratory sensitiser. Low molecular weight epoxy constituents are irritating to eyes, mucousmembranes and skin. Repeated skin contact may lead to irritation and sensitisation, possibly with cross-sensitisation to other epoxies.

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**12. Ecological information**

There are no data available on the product itself.

The product should not be allowed to enter drains or water courses.

**13. Disposal considerations**

Do not allow into drains or water courses. Wastes and empty containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

Using information provided in this data sheet advice should be obtained from the Waste Regulation Authority, whether the special waste regulations apply.

**14. Transport information**

Transport only in accordance with the following regulations:

ADR/RID            Non hazardous

IMDG	Class/Div		Subsidiary Class
	Proper Shipping Name	Non hazardous	
	UN No		MFAG
	Ems		
	Packaging Group		
	Marine Pollutant	No	

ICAO/IATA	Shipping Name	Non hazardous
	Class	
	UN No	
	Packaging Group	

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<b>15. Regulatory information</b>
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In accordance with EC Directive 88/379/EEC and the Chemicals (Hazard Information and Packaging for Supply) Regulations SI /3247/1994 this product is labelled as follows:

**Symbol(s)**

Irritant

**Contains;**

Alkyl(C13-C15) glycidyl ether

Epoxy resin (av.mol.wt.<700)

**R. Phrases;**

Irritating to eyes and skin.

May cause sensitisation by skin contact.

**S. Phrases;**

Keep out of the reach of children.

Avoid contact with skin.

Wear suitable gloves.

If swallowed, seek medical advice immediately and show this container or label.

**P. Phrases;**

Contains epoxy constituents. See information supplied by the manufacturer.

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**16. Other information**

The information on this MSDS is based upon the present state of our knowledge and on current EEC and national laws.

The product should not be used for purposes other than shown in the product data sheet without first obtaining written advice.

It is always the responsibility of the user to take all necessary steps to meet the demands of applicable legislation.

The information in this Health & Safety Data Sheet is required pursuant to Directive 91/155/EEC and the Chemicals (Hazard Information & Packaging for Supply) Regulations 1994.

The full text of the R phrases appearing in section 2 is:

R36/38 Irritating to eyes and skin.

R43 May cause sensitisation by skin contact.

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