

# ASBESTO STRIP INNOVATIONS UK LTD

*"The World Leader in Safe Asbestos Removal Technology"*

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## SAFESTRIP SYSTEM

### Material Data Safety Sheet

Valid from: 31/03/10

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**Product Description:** Material for injection into hot water/process or steam pipe insulation, temperature range 80°C to 240°C

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#### **1.0 Product Description**

1.1 Product Name: ADY 50-350  
1.2 Use: General Purpose

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#### **2.0 Composition and Information on Ingredients**

2.1 Chemical Characteristics: Silicone (Preparation)

##### **Hazardous Ingredients<sup>1</sup>:**

Name	CAS No	%	Symbols & Health Risk Phrases
No hazardous material present			

<sup>1</sup>According to Commission Directive 88/379/EEC (Article 3 6a)

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#### **3.0 Hazard Identification**

Not hazardous

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#### **4.0 First Aid Measures**

4.1 Skin: N/A  
4.2 Eyes: Flush with water.  
4.3 Inhalation: N/A  
4.4 Ingestion: N/A  
4.5 Other first aid information: None known.

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#### **5.0 Fire Fighting Measures**

5.1 Extinguishing media: Carbon dioxide, foam, dry powder or fine water spray.  
5.2 Unsuitable extinguishing media: None known.  
5.3 Unusual firefighting hazards: None known.  
5.4 Special firefighting procedures: None known.  
5.5 Other recommendations: None known.  
5.6 Combustion products: Silica, carbon dioxide and traces of incompletely burned carbon products. Formaldehyde.

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**6.0 Accidental Release Measures**

6.1	Personal precautions:	Wear proper protective equipment. Avoid contact with the eyes.
6.2	Precaution to protect the environment:	None established, do not allow large quantities to enter the drains.
6.3	Clean up procedures:	Mop, wipe or soak up with absorbent material and container with a lid. The spilled product, when mixed with water produces an extremely slippery surface.

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**7.0 Handling and Storage**

7.1	Handling precautions:	General ventilation is required. Avoid eye contact.
7.2	Storage:	No special measures required.
7.3	Unsuitable packing materials:	None known.
7.4	Incompatibilities:	None known.
7.5	Other information:	None established.

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**8.0 Exposure Controls and Personal Protection**

8.1	Exposure controls:	Refer to section 7.	
8.2	Exposure controls for hazardous components:		
	Name	CAS No	Exposure Limits <sup>1</sup>
	None of the components have assigned exposure limits.		
8.3	Personal protective equipment:		
	Respiratory:	N/A	
	Hand:	N/A	
	Eye:	Safety glasses.	
	Skin:	Additional protective equipment is not normally required.	
	Industrial Hygiene:	Exercise good industrial hygiene practice. Wash after handling especially before eating, drinking or smoking.	

<sup>1</sup> According to Health & Safety Executive Document EH40

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**9.0 Physical and Chemical Properties**

9.1	Appearance	Form:	Liquid
		Colour:	Colourless
		Odour:	Odourless
9.2	Safety Related Information	pH:	Not determined
		Boiling point/boiling range:	Not determined
		Melting point/melting range:	Not determined
		Flashpoint:	>100°C
		Flammability (solid, gas):	Not determined
		Autoflammability:	>400°C
		Explosive properties:	Not determined
		Oxidising properties:	Not determined
		Vapour pressure:	Not determined
		Specific gravity:	0.96
		Solubility in water:	Not determined
		Solubility in fat:	Not determined
		Oil/water partition coefficient:	Not determined
		Other data:	Not determined
		Vapour density (air = 1):	Not determined
		Evaporation rate (ethyl ether = 1):	Not determined
		Viscosity:	50 CST – 350CST
		% Volatiles:	Not determined
		Molecular weight:	Not determined

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## 10.0 Stability and Reactivity

10.1	Stability:	Stable.
10.2	Reactivity:	
	Conditions to avoid:	None.
	Materials to avoid:	Can react with strong oxidising agents.
	Hazardous decomposition products:	Product may emit formaldehyde vapours at temperatures above 150°C in the presence of air.

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## 11.0 Toxicological Information

11.1	Possible health effects:	
	Skin:	<sup>3</sup> No significant effect.
	Eyes:	<sup>3</sup> May cause temporary discomfort.
	Inhalation:	<sup>3</sup> No significant effect.
	Ingestion:	<sup>3</sup> No significant effect.

Other health hazard information: Product may emit formaldehyde vapours at temperature above 150°C in the presence of air. Formaldehyde vapour is harmful by inhalation and irritating to eyes and respiratory system at breathing concentrations less than one part per million (1 ppm). Occupational exposure measurement and control within established limits is necessary for applications where formaldehyde may be formed to ensure worker health and safety. Detailed information concerning current formaldehyde exposure limits can be found in UK HSE EH40 Occupational Exposure Limits.

LS50: Not determined

LD50: Not determined

<sup>1</sup> Based on product test data.

<sup>2</sup> Based on assessments from related products.

<sup>3</sup> This information is based either on test data, extrapolation from tests on similar materials, review of component data, or a combination of these sources.

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## 12.0 Ecological Impact

12.1	Elimination <sup>1</sup>	
	Persistence:	Not known.
	Degradability:	Material will degrade in the environment abiotically, by chemical and physical process.
12.2	Behaviour in the Aquatic compartment <sup>1</sup>	
	Mobility:	Insoluble in water.
	Bioaccumulation:	Not known
12.3	Ecotoxicity <sup>1</sup>	
	Aquatic:	Ecotoxic effects not known.
	Terrestrial:	Not known.

<sup>1</sup> Based on product test data.

<sup>2</sup> Based on assessments from related products.

<sup>3</sup> This information is based either on test data, extrapolation from tests on similar materials, review of component data, or a combination of these sources.

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## 13.0 Waste Disposal

13.1	Product disposal:	Can be incinerated in accordance with local regulations.
13.2	Packaging disposal:	Refer to Asbestotrip Innovations for more specific information.

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## 14.0 Transport Information

UNNO: N/A	SYMBOLS: N/A
ROAD AND RAIL TRANSPORT (ADR/RID):	No special packaging or labelling requirements.
SEA TRANSPORT (IMO):	No special packaging or labelling requirements.
AIR TRANSPORT (ICAO):	No special packaging or labelling requirements.

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## **15.0 Regulatory Information**

### 15.1 EEC Supply Classification and Labelling <sup>1</sup>:

Contains: N/A

No special packaging or labelling requirements.

### 15.2 National Legislation:

Contact Asbestostrip Innovations for further information.

### 15.3 Other Regulations:

German Waste No: Not determined

German Waste Class: 1 – Slight risk of causing water pollution.

German Vbf: N/A

German TA-Luft: Not determined

Ozone depleting chemicals: No ozone depleting chemicals are present or used in manufacture.

EINECS: All ingredients listed or exempt.

TSCA: All ingredients listed or exempt

MITI: All ingredients listed or exempt

DSL: All ingredients listed or exempt

AICS: All ingredients listed or exempt

<sup>1</sup> According to 93/18/EEC as adapted for the third time to technical progress commission directive 88/379/EEC.

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## **16.0 Other Information**

This product safety data sheet was prepared in compliance with Council Directive 91/155/EEC, 67/548, and 88/379/EEC as well as their relevant amendments, on the approximation of laws, regulations and administrative relative to the classification, packaging and labelling of dangerous substance and preparations.

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