



INDASA

## HEALTH AND SAFETY PRODUCT INFORMATION

Product: Sprayable M.S. seam sealer

Date: 5<sup>th</sup> May 2009

Product code: 472668/472675/472682

Page 1 of 3

1.

Company Name and Address
INDASA Abrasives (UK) Limited, Viking Works, 113 Greenstead Road, Colchester Essex CO1 2ST Tel : 01206 870366 Fax : 01206 860525 Email : <a href="mailto:office@indasa.co.uk">office@indasa.co.uk</a>

2.

Composition/Information on ingredients				
Global description	MS-polymer based mixture with plasticizers, inorganic fillers and additives			
Components that may contribute to hazards				
Name	W/W%	R-phrases	Symbol	
Vinyltrimethoxysilane	2768-02-7	1-5	10-20-38	Xn
Aminoethylaminopropyltrimethoxysilan	1760-24-3	0.1-1	36/38-43	Xi
Bis-(1,2,2,6,6-pentamethyl-4-piperdyl) Sebacate	41556-26-7	0.1-1	43-50-53	Xi, N

3.

Hazards identification	
Specific hazards	
R-phrases	Description
	<b>Contains Aminorthylaminopropyltrimethoxysilane and Bis-(1.2.22.6.6-pentamethyl-4-piperidyl)sebacate. May produce an allergic reaction.</b>

4.

First-Aid measures	
Inhalation	<b>Provide patient with fresh air, seek medical advice</b>
Skin	<b>Wipe off excess with paper towel, then clean with resin removing Cream or hand cleanser. DO NOT use solvents. Wash with soap And water.</b>
Eyes	<b>Irrigate thoroughly with water and seek medical advice</b>
Ingestion	<b>Rinse mouth with plenty of water. DO NOT induce vomiting. Seek medical advice</b>

5.

Fire-Fighting measures	
Extinguishing media	
Use	<b>CO<sub>2</sub>, powder, foam and water spray</b>
Don't use	<b>Water jet</b>
Specific hazards	
<b>Fire will produce dense black smoke containing products of combustion</b>	
Specific methods	
<b>Cool closed containers exposed to fire with water spray. Do not allow runoff from firefighting to enter drains and watercourses.</b>	
Protection of firefighters	
<b>Appropriate self contained breathing apparatus</b>	

6.

<b>Accident release measures</b>	
Personal precautions	
<b>Ensure good ventilation. Wear protective equipment as described in the eye and skin protection section of chapter 8</b>	
Environmental precautions	
<b>The product must not be allowed to enter drains or water courses</b>	
Methods for cleaning-up	
<b>Absorb on wet earth or sand. Collect up by shovel allow to cure before disposal</b>	

7.

<b>Handling and storage</b>	
Handling	<b>Handle in well ventilated area. Avoid contact with skin, eyes and do not swallow</b>
Storage	<b>Store in closed packing between 5°C and 25°C away from direct sunlight and other sources of heat.</b>

8.

<b>Exposure controls/personal protection</b>	
Name	MAC TWA(8hr)
Protection	
Respiratory	<b>Avoid breathing the vapour. Maintain good ventilation</b>
Hand	<b>Barrier creams may help but are no substitute for full physical protection</b>
Eye and skin	<b>Avoid contact with skin and eyes. Wear safety glasses. Do not rub eyes with dirty hands</b>

9.

<b>Physical and chemical properties</b>			
Physical state		pH	<b>N/A</b>
Form	<b>Paste</b>	Log P octanol/water	<b>N/A</b>
Colour	<b>Various</b>	Solubility in water	<b>Insoluble</b>
Temperatures		Viscosity	<b>N/A</b>
Melting point	<b>-</b>	Vapour pressure	<b>N/A</b>
Boiling point	<b>N/A</b>	Vapour density	<b>N/A</b>
Flash point		Density/water	<b>1.54 g/ml</b>
Auto-ignition		Conductivity	<b>-</b>
Explosion range	<b>N/A</b>	Odour	<b>Faint</b>
Explosion range	<b>N/A</b>	V.O.C. per 310 ml	<b>None</b>

10.

<b>Stability and reactivity</b>	
Conditions to avoid	<b>Will be stable under normal storage and handling conditions</b>
Materials to avoid	<b>-</b>
Hazardous decomposition products	<b>In case of fire CO, CO<sub>2</sub> and CaO are emitted</b>

11.

<b>Toxicological information</b>	
LD/LC values	<b>Vinyltrimethoxysilane</b> <b>Acute Oral LD50(mg/kg) 11300 (Rat)</b> <b>Acute Dermal LD50(mg/kg) 3540 (Rabbit)</b> <b>Acute Inhalation LC50(mg/l) unknown</b> <b>Aminoethylaminopropyltrimethoxysilane</b>

	<b>Acute Oral LD50(mg/kg) 7460 (Rat)</b> <b>Acute Dermal LD50(mg/kg) unknown</b> <b>Acute Inhalation LC50(mg/1) unknown</b>
Skin	-
Eyes	-
Ingestion	-

## 12.

<b>Ecological information</b>	
Mobility	<b>Not known</b>
Persistence / Degradability	<b>Avoid uncured product in the environment</b>
Bioaccumulation	<b>Not known</b>
Ecotoxicity	<b>Not known</b>

## 13.

<b>Disposal considerations</b>	
Product	<b>Dispose of in accordance with local legislation</b>
Packaging	<b>As chemical waste</b>

## 14.

<b>Transport information</b>			
Special precautions			
Classifications Exempted			
Packing group		UN-number	-
Do not store near food	-	RID/ADR	-
Sea contaminating	-	ICAD/IATA	-
Shipping name	-	IMDG-code	-

## 15.

<b>Regulatory information</b>	
EC-classification	
Contains	<b>Aminoethylaminopropyltrimethoxysilane and Bis-(1.2.2.6.6-pentamethyl-4-piperidyl)sebacate. May produce an allergic reaction.</b>
Symbol	-
R-phrases	-
S-phrases	-

## 16.

<b>Other information</b>		
Creation date	<b>05.01.09</b>	Production Management
Replace sheet of	<b>04.01.08</b>	Phill Blowers
<b>Text of R-Statements listed in ingredients</b>		
<b>10 Flammable</b>		
<b>20 Harmful by inhalation</b>		
<b>36/38 Irritating to eyes and skin</b>		
<b>38 Irritating to the skin</b>		
<b>43 May cause sensitisation by skin contact</b>		
<b>50 Very toxic to aquatic organisms</b>		
<b>53 May cause long term adverse effects in the aquatic environment</b>		
This leaflet is for general guidance only and may contain inappropriate information under particular conditions. Samples will be provided on request to enable customers to satisfy themselves as to the suitability of the product for any specific purpose and to assess the product under their own working conditions.		