



<b>GENERAL INFORMATION</b>	Personal protection for the First Aider
<b>INHALATION</b>	Take affected persons into the fresh air and call a doctor. In case of unconsciousness place patient in the recovery position, for transportation.
<b>SKIN CONTACT</b>	Immediately remove contaminated clothing Wash immediately with soap and water and rinse thoroughly
<b>EYE CONTACT</b>	Rinse opened eye for several minutes under running water. Then consult a doctor
<b>INGESTION</b>	<b>DO NOT INDUCE VOMITING!</b> Seek medical advice immediately and show container or label to the doctor

## 5. FIRE FIGHTING MEASURES

<b>5.1 Suitable extinguishing agents</b>	CO <sub>2</sub> Extinguishing powder or water spray. Sand. Water spray
<b>5.2 For safety reasons unsuitable extinguishing agents</b>	Water with full jet

## 6. ACCIDENTAL RELEASE MEASURES

<b>6.1 Person-related safety Precautions</b>	Avoid inhaling vapours, wear protective gear, (gloves, goggles, boots self-contained breathing apparatus)
<b>6.2 Measures for protection of the environment</b>	Do not allow to enter sewer/surfaces or ground water
<b>6.3 Measures for cleaning</b>	<b>RECOVERY</b> Soak up with absorbent material (eg sand). Collect the product in a container and arrange correct disposal
	<b>DISPOSAL</b> Burn in an approved installation for liquid
	<b>INCOMPATIBLE MATERIALS</b> Wood sawdust

## 7. HANDLING AND STORAGE

### Handling

#### 7.1 Information for safe handling

Mechanical/local exhaust ventilation required  
Do not smoke  
Before break and at the end of work hands should be thoroughly cleaned

#### 7.1 Further information about storage conditions

Keep at temperatures not exceeding 30°C  
Store receptacle in a well ventilated and cool place  
Storage areas should be selected in accordance with all local laws  
Keep away from heat, sparks and open flames  
No smoking

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>8.1 Additional information about design of technical systems</b>	No further data; see item 7
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Ingredient name	CAS no.	Reference	Date	LT Exp 8 hrs	ST Exp 15 min
Phthalic anhydride	85-44-9	EH 40 (HSE)	2005	4 mg/m <sup>3</sup>	12 mg/m <sup>3</sup>
Styrene	100-42-5	EH 40 (HSE)	2005	100 ppm	250 ppm

<b>Additional information</b>	The lists that were valid during the creation were used as basis
<b>8.2 Personal Protection</b> <b>General protective and hygienic measures</b>	The usual precautionary measures should be adhered to when handling chemicals If a contact with the eyes and skin is possible the specific protective measures has to be used. Use skin protection. Use skin protection cream for skin protection. Keep away from foodstuffs, beverages and food. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.
<b>8.3 Breathing Equipment</b>	Use suitable respiratory protective device in case of insufficient ventilation Filter A. Not necessary if room is well ventilated
<b>8.4 Protection of hands</b>	Wear suitable gloves, take advice from supplier
<b>8.5 Eye protection</b>	Safety glasses
<b>8.6 Body protection</b>	<b>Normal protective work clothing</b>

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>General Information</b> Form Colour Odour	Liquid thixotropic Light brown Styrene
<b>Change in condition</b> <b>Physical data comment</b>	(#) values relate to styrene, not to the preparation. >145°C Pressure (°C): 20°C
<b>Boiling point/Boiling range</b> <b>Flash point</b>	31°C Method: DIN EN 22719 – ISO 2719
<b>Temperature</b> <b>Density/Specific Gravity (g/ml)</b> <b>Vapour Pressure</b> <b>Viscosity (interval)</b> <b>Solubility</b>	1.05 – 1.2: Temp (°C): 20°C # 652Pa: Temp (°C): 20°C 17.5 – 22.5 dPa.s: Temp (°C): 25°C Insoluble in water. Soluble in most organic solvents
<b>Viscosity</b> <b>Auto Ignition Temp (°C)</b> <b>Flammability limit</b> <b>Flammability limit</b>	490°C # Lower 1.1 # Upper 6.1 #

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
<b>Conditions to avoid</b>	Avoid heat. Keep away from sources of ignition.
<b>Polymerisation description</b>	Exothermic polymerisation may occur by: Strong oxidizing agents Peroxides Radical formers.

## 11. TOXICOLOGICAL INFORMATION

<b>Sensitization</b>	May cause an allergic reaction.
<b>Inhalation</b>	Harmful by inhalation. Symptoms and signs include: Headache, dizziness, tiredness.
<b>Skin/eyes</b>	Irritating to skin and eyes.

## 12. ECOLOGICAL INFORMATION

<b>Ecological information</b>	Do not discharge into drains or the environment, Disposal must be to an authorised waste collection point.
<b>Degradability</b>	(#) Easily biodegradable (#) values related to styrene, not to the preparation.

**13. DISPOSAL CONSIDERATIONS**

**Disposal Methods**

Incineration in approved installation.  
 Incineration for liquid resins, crushing then incineration for solid resins.  
 Cleaned packaging may be recycled.  
 The material and its container must be disposed of as a hazardous waste.

**14. TRANSPORT INFORMATION**

The data in this section doesn't take into consideration the exemptions regarding each transport regulation.

**LABEL FOR CONVEYANCE**     **None Required**

<b>Land Transport ADR</b>	
ADR/RID class UN-Number Classification code Packaging group ADR Hazard No. ADR Description of goods  AR label no	3 3269 F1 III 30 Flammable liquid (flash point between 23°C and 61°C, inclusive) or flammable liquid in the molten state with a flash point above 61°C, heated to an equal temperature to or above its flash point, or self heating liquid. 3
<b>Rail Transport</b> RID Class No RID Item No RID Packing Group	3 III III
<b>Maritime Transport</b>	
IMDG Class UN-Number Packaging group Label Marine pollutant Proper shipping name (national) EMS No	3 3269 III 5.2 No Resin Solution F-E, S-E
<b>Air Transport ICAO-TI and IATA-DGR</b>	
ICAO/IATA Class UN/ID Number IATA/ICAO Packaging Group	3 3269 III

**15. REGULATIONS**

**SYMBOLS**



**HARMFUL**

**CONTAINS**

Styrene

**RISK PHRASES**

R-10 Flammable.  
R-20 Harmful by inhalation.  
R36-38 Irritating to eyes and skin.

**SAFETY PHRASE**

Contains phthalic anhydride. May produce allergic reaction.  
S-23 Do not breath gas/fumes.  
S-36/37/39 Wear suitable protective clothing, glove and eye protection

**EU DIRECTIVES**

Directive 91/155/EEC amended by Directive 93/112/EEC and Directive 2001/58/EC : Safety data sheets.  
Dangerous preparations : Directive 1999/45/EC amended by Directive 2001/60/EC – OJEC L226 – 22/08/2001.  
Commission Directive 2004/73/EC of 29 April 2004 adapting to technical progress for the 29<sup>th</sup> time Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances (Official Journal L 216 – 16/06/2004).

**16. OTHER INFORMATION**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship

**Relevant R-phrases**

10 Flammable  
20 Harmful by inhalation.  
36/38 Irritating to eyes and skin  
22 Harmful if swallowed.  
37/38 Irritating to respiratory system and skin.  
41 Risk of serious damage to eyes.  
42/43 May cause sensitisation by inhalation and skin contact

**Contact**

Care Products (Cannock) Ltd