



## Spectrum SureStripe W218

Supplemental information None

### 2.3. Other hazards

PBT Not applicable  
vPvB Not applicable

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Substance Not applicable

### 3.2. Mixtures

Chemical description Mixture of resins, solvents, pigments and additives.

### Hazardous components

Chemical Name	CAS Number	EC Number	REACH	Classification Regulation (EC) No. 1272/2008	Weight
AMMONIA ...%	1336-21-6	215-647-6	-	H314, H335, H400	0.1% - 1.0 %

For the full text of the Hazard Statements mentioned in this Section, see Section 16.

## SECTION 4: First aid measures

As a general rule, in case of doubt or if symptoms persist, always call a doctor.  
NEVER induce swallowing by an unconscious person.

### 4.1. Description of first aid measures

**General notes** In all cases of doubt, or when symptoms persist, seek medical attention.  
Never give anything by mouth to an unconscious person.  
If unconscious, place in recovery position and seek medical advice.

**Inhalation** Remove to fresh air. Keep patient warm and at rest.  
If breathing is irregular or stopped, administer artificial respiration.

**Ingestion** If accidentally swallowed, rinse the mouth with plenty of water only if the person is conscious) and obtain immediate medical attention.  
Keep at rest.  
Do NOT induce vomiting.

**Skin contact** Remove contaminated clothing.  
Wash skin thoroughly with soap and water or use recognized skin cleanser.  
Do NOT use solvents or thinners.

**Eye contact** Remove contact lenses. Irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

**Self-protection of the first aider** None.

### 4.2. Most important symptoms and effects, both acute and delayed

None.

### 4.3. Indication of any immediate medical attention and special treatment needed

None.

## SECTION 5: Firefighting measures

Flammable.

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

### 5.1. Extinguishing media

Suitable extinguishing media Alcohol resistant foam, CO<sub>2</sub>, powders and water spray/mist.  
Unsuitable extinguishing media Water jet.

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### **5.2. Special hazards arising from the substance or mixture**

<b>Specific hazards</b>	Fire will produce dense, black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required.
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### **5.3. Advice for firefighters**

<b>Advice or firefighters</b>	Cool closed containers exposed to fire with water. Do not allow run-off from firefighting to enter drains or watercourses.
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## **SECTION 6: Accidental release measures**

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### **6.1. Personal precautions, protective equipment and emergency procedures**

<b>Personal precautions</b>	Avoid breathing vapours. Refer to protective measures listed in Sections 7 and 8.
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### **6.2. Environmental precautions**

<b>Environmental precautions</b>	If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.
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### **6.3. Methods and material for containment and cleaning up**

<b>Methods for cleaning up</b>	Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Clean preferably with a detergent- avoid use of solvents.
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### **6.4. Reference to other sections**

<b>Reference to other sections</b>	None.
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## **SECTION 7: Handling and storage**

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Requirements relating to storage premises apply to all facilities where the mixture is handled.

### **7.1. Precautions on safe handling**

<b>Advice on safe handling</b>	Avoid skin and eye contact. Avoid inhalation of vapour and spray mist. Smoking, eating and drinking should be prohibited in application area. For personal protection, see Section 8. Never use pressure to empty; container is not a pressure vessel. Always keep in containers of same material as the original one. Comply with the health and safety at work laws. Do not allow to enter drains or watercourses.
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### **7.2. Conditions for safe storage, including any incompatibilities**

<b>Requirements for storage areas and containers</b>	Store in accordance with the Dangerous Substances and Explosive Atmosphere Regulations (DSEAR). The requirements are given in the HSE Approved Code of Practice and Guidance, Storage of Dangerous Substances: DSEAR.
<b>Notes on joint storage</b>	Store away from oxidizing agents, from strongly alkaline and strongly acid materials.
<b>Additional information on storage conditions</b>	Observe label precautions. Observe label precautions. Store between 5 °C and 25 °C in a dry, well ventilated place away from sources of heat and direct sunlight. Keep container tightly closed. Keep away from sources of ignition. No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

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The principles contained in the HSE guidance note, Chemical Warehousing: The Storage of Packaged Dangerous Substances, should be observed when storing this product.

### 7.3. Specific end use(s)

Specific end use(s) None.

## **SECTION 8: Exposure controls/personal protection**

### 8.1. Control parameters

Contains no substances with occupational exposure limit values.

### 8.2. Exposure controls

<b>General advice on engineering controls</b>	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 particles and solvent vapour below the OEL, suitable respiratory protection must be worn.
<b>Respiratory protection</b>	If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators.
<b>Hand protection</b>	There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. For prolonged or repeated handling, use Polyvinyl Alcohol (PVA) or Viton Rubber (FluorRubber). The breakthrough time must be greater than the end use time of the product. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical/chemical damage and poor maintenance. Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.
<b>Eye protection</b>	Use safety eyewear designed to protect against splash of liquids.
<b>Skin protection</b>	Personnel should wear anti-static clothing made of natural fibre or of high temperature resistant synthetic fibre.
<b>General advice on environmental exposure controls</b>	Do not allow to enter drains or watercourses.

## **SECTION 9: Physical and Chemical Properties**

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b> (Physical state)	Viscous liquid
<b>Appearance</b> (Colour)	Various
<b>Odour</b>	Ammonia
<b>Odour threshold</b>	
Lower	
Higher	
<b>pH</b>	~10
<b>Melting point/freezing point</b> (°C)	~0
<b>Initial boiling point and boiling range</b> (°C)	~100
<b>Flash point</b> (°C)	

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### Evaporation range

### Flammability/explosive limits

Lower, %

Higher, %

Vapour pressure ~2.3 kPa at 20 °C

Vapour density (air = 1) Lighter than air

Relative density (g/ml) 1.33 - 1.42

Solubility(ies) Miscible with water.

### Partition coefficient

Auto-ignition temperature (°C) ~3.5 Roto

Decomposition temperature (°C) Not determined

Viscosity None

### Explosive properties

### Oxidising properties

## 9.2. Other information

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Reactivity No data available.

#### 10.2. Chemical stability

Stability Stable under recommended storage and handling conditions. (See Section 7).

#### 10.3. Possibility of hazardous reactions

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

#### 10.4. Conditions to avoid

Conditions to avoid When exposed to high temperatures may produce hazardous decomposition products.

#### 10.5. Incompatible materials

Materials to avoid No data available.

#### 10.6. Hazardous decomposition products

Hazardous decomposition products Carbon monoxide and dioxide, smoke, oxides of nitrogen.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

The liquid splashed in the eyes may cause irritation and reversible damage.

Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

Ingestion may cause nausea, diarrhea and vomiting.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

##### 11.1.2. Mixture

There are no data available on the mixture itself.

The mixture has been assessed following the conventional method of the Classification, Labelling and Packaging of Substances and Mixtures Regulation (EC) No. 1272/2008 and classified for toxicological hazards accordingly.

See Sections 2 and 3 for details.

### SECTION 12: Ecological information

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There are no data available on the mixture itself.  
Do not allow to enter drains or watercourses.

### 12.1. Toxicity

Toxicity No data available.

### 12.2. Persistence and degradability

Persistence and degradability No data available.

### 12.3. Bioaccumulative potential

Bioaccumulative potential No data available.

### 12.4. Mobility in soil

Mobility No data available.

### 12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment No data available.

### 12.6. Other adverse effects

Other adverse effects No data available.

## **SECTION 13: Disposal considerations**

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

### 13.1. Waste treatment methods

The European List of Waste classification of this product, when disposed of as waste, is

Waste Code	Name of Waste (according to Commission Decision 2000/532/EC)
08 01 11*	Waste paint and varnish containing organic solvents or other dangerous substances.

Do not allow to enter drains or watercourses.

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.

For further information contact your local waste authority.

Using information provided in this safety data sheet, advice should be obtained from the local waste authority on the classification of empty containers.

Empty containers must be scrapped or reconditioned.

Dispose of containers contaminated by the product in accordance with local or national legal provisions.

## **SECTION 14: Transport information**

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for Air Transport.

### **General**

This mixture is not classified as dangerous according to international transport regulations (ADR/RID, IMDG, ICAO/IATA).

### 14.1. UN number

### 14.2. UN proper shipping name

### 14.3. Transport hazard class(es)

Transport labels Not dangerous goods.

### 14.4. Packing group

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### 14.5. Environmental hazards

Environmentally hazardous  
substance/marine pollutant

### 14.6. Special precautions for user

Always transport in closed containers that are upright and secure.

Ensure that persons transporting the product know what to do in the event of an accident or spillage

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

The information in this Safety Data Sheet is required pursuant to:

- Registration, Evaluation, Authorisation and Restriction of Chemicals, Regulation (EC) No.1907/2006, (REACH).
- Classification, Labelling and Packaging of substances and mixtures, Regulation (EC) No.1272/2008, (CLP).
- The Dangerous Substances and Explosive Atmospheres Regulations, 2002, (DSEAR).
- The Control of Substances Hazardous to Health Regulations, 2002, (COSHH).
- The Health and Safety at Work etc. Act, 1974, (HSWA).

Approved Codes of Practice and Guidance notes relevant to this Safety Data Sheet:

- The European Chemicals Agency (ECHA) Guidance on the compilation of safety data sheets, Version 2.1.
- CEPE Guideline for Safety Data Sheets, 9th Edition.
- HSE Approved Code of Practice and Guidance, Dangerous Substances and Explosive Atmospheres.
- HSE guidance note, Chemical Warehousing: The Storage of Packaged Dangerous Substances.
- HSE publication, EH40/2005 Workplace exposure limits.

### 15.2. Chemical safety assessment

Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

## SECTION 16: Other information

The information in this Safety Data Sheet is based on the present state of knowledge and current legislation.

It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

The product should not be used or purposes other than those shown on the Technical Data Sheet without first referring to the supplier and obtaining written handling instructions.

As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this Safety Data Sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation.

**Full text of Hazard Statements referred to in Section 3.** H314 - Causes severe skin burns and eye damage  
H335 - May cause respiratory irritation  
H400 - Very toxic to aquatic life

### *Disclaimer*

*This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.*