



Product Name: **New Sportguard**  
Reviewed Date: **January 2010**

Health & Safety Data Sheet Reference: **FT103**

## **1- IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY**

Product name: **NEW SPORTGUARD**

Supplier: Floortech Products  
Goods Yard  
Derby Road  
Belper  
Derbyshire  
DE56 1UX

Phone: 01773 828111

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Product Description: Moisture Cured Polyurethane

## **2- COMPOSITION/INFORMATION AND INGREDIENTS**

Toluene Di-isocyanate:	Less than 0.5%	
Xylene isomers:	Approx 7%	Harmful
Methoxy Propyl Acetate:	Approx 18%	Flammable
C9 Naphtha:	Approx 35%	Flammable

Occupational Exposure limits:

Toluene Di-isocyanate, Maximum Exposure Limit:	0.02mg/m <sup>3</sup> 8 hour TWA
Xylene, Occupational Exposure Limit:	220mg/m <sup>3</sup> 8 hour TWA
Methoxy Propyl Acetate Exposure Limit:	274mg/m <sup>3</sup> 8 hour TWA

## **3- HAZARD IDENTIFICATION**

This product is classified as FLAMMABLE and HARMFUL under the current C.O.S.H.H. Regulations and the following risk and safety phrases must be applied:

R10: Flammable Liquid  
R20/21: Harmful by inhalation and in contact with the skin.  
S25: Avoid contact with eyes

## **4- FIRST AID MEASURES**

**Eye Splashes:** Flush the affected eye with clean running water for at least 10 minutes and seek medical advice.

**Skin Exposure:** Wash the affected area with clean soapy water for at least 10 minutes. If soreness or irritation occurs as a result of skin exposure remove contaminated clothing and wash clothing before next use. If symptoms persist seek medical advice.

**Ingestion (Swallowing):** If material is accidentally swallowed do not induce vomiting and seek medical advice.

**Inhalation:** Move the patient to fresh air. If the patient is unconscious, place in the recovery position and seek medical attention immediately.





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This information should be taken with the patient when seeking medical advice  
Do not give victim anything to drink if he/she is unconscious

## **5- FIRE FIGHTING MEASURES**

Use dry powder extinguishers only.  
Fire fighters must have self-contained breathing apparatus.

## **6- ACCIDENTAL RELEASE MEASURES**

Spillages must be contained with an inert, non-combustible material and prevented from entering surface drains. Dispose of according to Local Regulations.

Remove all sources of ignition.

Do not allow spillages to enter surface waters or basements where flammable vapours may form an explosive atmosphere

## **7- HANDLING AND STORAGE**

Store away from sources of heat and ignition.

The product must be protected from freezing.

When handling avoid contact with eyes and skin.

All chemical preparations should be stored securely where they cannot be interfered with or used by unauthorized persons.

## **8- EXPOSURE CONTROLS/PERSONAL PROTECTION**

Prolonged exposure may cause irritation and/or dermatitis.

Suitable protection should be worn to prevent contact with eyes and skin.

Exposure controls:

Occupational exposure controls:

**Respiratory protection:** Provide sufficient ventilation during use to ensure Workplace exposure limit is not reached. Where workers encounter concentrations higher than the exposure limits, they must wear suitable, organic vapour approved masks,

- A1, A2, EN 141.

For short periods or an air-fed mask for longer exposure.

**Hand protection:** All types of protective gloves are suitable to protect the hands during use, product does not attack rubber, latex nitrile or other similar materials. Suitable work-wear or overalls should be used to protect clothing and skin.

**Eye protection:** Safety glasses/goggles with side shields or face shield should be used when handling this material to protect from liquid droplets or splashes.

Keep away from foodstuffs, drinks and tobacco. Wash hands before breaks and at end of work. Keep working clothes separate. Immediately remove contaminated clothing.





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Environmental exposure controls:

No specific environmental legislation applies, but good practice should be followed. The product should not be allowed to spill or run into surface waters.

## 9- PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear Liquid	<b>Odour:</b>	Strong Solvent
<b>Auto Ignition:</b>	400°C	<b>pH:</b>	Not Applicable
<b>Density:</b>	SG 0.98	<b>Boiling point/range:</b>	from 140°C
<b>Flash Point:</b>	40°C	<b>Oxidising properties:</b>	None
<b>Solubility in Water:</b>	Insoluble	<b>flammability:</b>	Flammable

## 10- STABILITY AND REACTIVITY

This preparation is generally unreactive and stable when stored and handled correctly.

Conditions to avoid: Heat, sparks, flames and direct sunlight.

Materials to avoid: Strong oxidising agents, amines and alcohols.

Reacts with water to produce carbon dioxide, risk of bursting in closed containers due to the pressure build-up.

Hazardous decomposition products: If burnt may produce toxic fumes including carbon monoxide and various oxides of carbon and nitrogen.

## 11- TOXICOLOGICAL INFORMATION

May cause irritation to the eyes and skin.

Any person with a history of skin sensitisation must be careful when handling this product.

Moderately toxic but may cause irritation to the eyes and mucous membranes.

Contains a small amount of free monomeric isocyanate which can cause respiratory sensitisation.

## 12- ECOLOGICAL INFORMATION

Not classified as harmful to the environment at these levels of concentration.

No ecological effects are known but the solvents used are likely to be a marine pollutant.

## 13- DISPOSAL CONSIDERATIONS

Non-recoverable waste is subject to the Duty of Care Of Waste Regulations.

Any surplus or waste arising from the normal use of this preparation must be disposed of in accordance with the hazard waste regulation 2005 and is classified as 08 01 11.

Empty containers should be treated as if still containing flammable material, classification 15 01 10.

## 14- TRANSPORT INFORMATION

UN number: 1866

IMDG Code Class: 3.3

Packing group: III

This preparation is classified as a marine pollutant.





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## **15- REGULATORY INFORMATION**

Classified as FLAMMABLE and HARMFUL and labels must carry a Flame symbol with the words "flammable liquid", a Harmful symbol and the following Risk and Safety phrases:

Contains Xylene : EEC No.215-535-7  
Contains isocyanate : EEC No.202-039-0  
R10 : Flammable liquid  
R20/21 : Harmful by inhalation and in contact with the skin.  
R42 : May cause sensitisation by inhalation.  
R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R65 : Harmful: may cause lung damage if swallowed.  
S2 : Keep out of the reach of children.  
S43 : In case of fire use dry powder/foam/CO2. Never use water.  
S24/25 : Avoid contact with skin and eyes.  
S61 : Avoid release into the environment. Refer to special instructions/Safety data sheet.  
S62 : If swallowed do not induce vomiting. Seek medical advice immediately and show the container or label.

This substance is classified as hazardous to health under Regulation 2 of the C.O.S.H.H. Regulations. Any employer or self-employed person using this product must carry out an assessment of the risks to health caused by the use of this substance.

## **16- OTHER INFORMATION**

No other safety information applicable to this product.

It is recommended that all persons using this product be suitably trained in the use of relevant personal protective equipment.

No other safety information is applicable to the use of this preparation for its intended purpose. This data sheet was compiled using information from raw material manufacturers, The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 (as amended), the Approved classification and labelling guide (fifth edition) for supply, the Approved Supply List (eighth edition), EH40/2005 and the Approved Carriage List (third edition).

