

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/5

RUBBER BUFFER SOLUTION

Revision 4

Revision date 2011-10-24

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	RUBBER BUFFER SOLUTION
Product code	405206

1.3. Details of the supplier of the safety data sheet





Company	Force Products
Address	Stock House Seymour Road Nuneaton Warwickshire CV11 4LB
Tel	02476 322130
Fax	02476 322151
Email	sales@forceproducts.co.uk

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 67/548/EEC	F; R11 Xn; R65 Xi; R38 N; R51/53 Symbols: F: Highly flammable. Xn: Harmful. N: Dangerous for the environment.
Main hazards	Highly flammable. Irritating to skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed.
2.1.2. Classification - EC 1272/2008	Flam. Liq. 2: H225; Asp. Tox. 1: H304; Skin Irrit. 2: H315; Aquatic Chronic 2: H411;

2.2. Label elements

Hazard pictograms	   
Signal Word	Danger
Hazard Statement	Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. Skin Irrit. 2: H315 - Causes skin irritation.

RUBBER BUFFER SOLUTION

Revision 4

Revision date 2011-10-24

2.2. Label elements

Precautionary Statement: Prevention	<p>P210 - Keep away from heat/sparks/open flames/hot surfaces. – No smoking.</p> <p>P233 - Keep container tightly closed.</p> <p>P240 - Ground/bond container and receiving equipment.</p> <p>P241 - Use explosion-proof electrical/ventilating/lighting// equipment.</p> <p>P242 - Use only non-sparking tools.</p> <p>P243 - Take precautionary measures against static discharge.</p> <p>P264 - Wash thoroughly after handling.</p> <p>P273 - Avoid release to the environment.</p> <p>P280 - Wear protective gloves/protective clothing/eye protection/face protection.</p>
Precautionary Statement: Response	<p>P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.</p> <p>P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.</p> <p>P302+P352 - IF ON SKIN: Wash with plenty of soap and water.</p> <p>P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.</p> <p>P321 - Specific treatment (see on this label).</p> <p>P331 - Do NOT induce vomiting.</p> <p>P332+P313 - If skin irritation occurs: Get medical advice/attention.</p> <p>P370+P378 - In case of fire: Use for extinction.</p> <p>P391 - Collect spillage.</p>
Precautionary Statement: Storage	<p>P403+P235 - Store in a well-ventilated place. Keep cool.</p> <p>P405 - Store locked up.</p>
Precautionary Statement: Disposal	<p>P501 - Dispose of contents/container to</p>

SECTION 3: Composition/information on ingredients

3.1. Substances

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Special Boiling Point Spirit 100/14C		64742-49-0	265-151-9		90 - 100%	F; R11 Xn; R65 Xi; R38 N; R51/53

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Special Boiling Point Spirit 100/14C		64742-49-0	265-151-9		90 - 100%	Flam. Liq. 2: H225; Asp. Tox 1: H304; Skin Irrit. 2: H315; Aquatic Chronic 2: H411;

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Harmful by inhalation. Inhalation may cause nausea and vomiting. May cause dizziness and headache. Move the exposed person to fresh air. Seek medical attention.
Eye contact	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	May cause irritation to skin. May cause dermatitis. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Harmful if swallowed. Ingestion may cause nausea and vomiting. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use as appropriate: Carbon dioxide (CO2), Dry chemical, Foam.
--	---

5.2. Special hazards arising from the substance or mixture

RUBBER BUFFER SOLUTION

Revision 4

Revision date 2011-10-24

5.2. Special hazards arising from the substance or mixture

	Highly flammable. Burning produces irritating, toxic and obnoxious fumes.
--	---

5.3. Advice for firefighters

	Self-contained breathing apparatus. Wear protective clothing.
--	---

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area. Eliminate all sources of ignition. Wear suitable protective equipment.
--	---

6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
--	---

6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
--	---

SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Use explosion proof equipment. Keep away from sources of ignition - No smoking. Adopt best Manual Handling considerations when handling, carrying and dispensing.
--	--

7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed.
--	--

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
---	--

8.2.2. Individual protection measures	Wear chemical protective clothing.
---------------------------------------	------------------------------------

Eye / face protection	Approved safety goggles.
-----------------------	--------------------------

Skin protection - Handprotection	Chemical resistant gloves (PVC).
----------------------------------	----------------------------------

Respiratory protection	Self-contained breathing apparatus. Wear protective clothing.
------------------------	---

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Liquid
Colour	Colourless
Odour	Strong
Boiling point	104-121
Flash point	1
Autoignition temperature	310

SECTION 10: Stability and reactivity

10.2. Chemical stability

	Stable under normal conditions.
--	---------------------------------

10.3. Possibility of hazardous reactions

	Oxidising agents.
--	-------------------

10.4. Conditions to avoid

	Heat, sparks and open flames.
--	-------------------------------

RUBBER BUFFER SOLUTION

Revision 4

Revision date 2011-10-24

SECTION 11: Toxicological information

11.1.4. Toxicological Information

Special Boiling Point Spirit
100/140

Oral Rat LD50: >2000mg/kg

SECTION 12: Ecological information

12.1. Toxicity

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information

Hazard pictograms



14.1. UN number

UN3295

14.2. UN proper shipping name

HYDROCARBONS, LIQUID, N.O.S.

14.3. Transport hazard class(es)

ADR/RID

3

Subsidiary risk

-

IMDG

3

Subsidiary risk

-

IATA

3

Subsidiary risk

-

14.4. Packing group

Packing group

II

14.5. Environmental hazards

Environmental hazards

No

Marine pollutant

No

ADR/RID

Hazard ID

33

Tunnel Category

(D/E)

IMDG

EmS Code

F-E S-D

IATA

Packing Instruction (Cargo)

364

Maximum quantity

60 L

Packing Instruction
(Passenger)

353

Maximum quantity

5 L

SECTION 15: Regulatory information

RUBBER BUFFER SOLUTION

Revision 4

Revision date 2011-10-24

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

Regulations	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
--------------------	--

SECTION 16: Other information

Other information

Revision	This document differs from the previous version in the following areas: 2 - 2.1.2. Classification - EC 1272/2008. 2 - Hazard pictograms. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 2 - Precautionary Statement: Storage.
Text of risk phrases in Section 3	R11 - Highly flammable. R38 - Irritating to skin. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 - Harmful: may cause lung damage if swallowed.
Text of Hazard Statements in Section 3	Flam. Liq. 2: H225 - Highly flammable liquid and vapour. Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. Skin Irrit. 2: H315 - Causes skin irritation. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.

Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.
--	--