

SAFETY DATA SHEET

THE WORKS WHITE SPATTER SHIELD

250ml Lever Lid

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name Tip Dip Coating 250ml Lever Lid
Product No. 728

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Protectant

1.3. Details of the supplier of the safety data sheet

Supplier WV ASSOCIATES LTD T/A STEVENS INDUSTRIAL SERVICES
UNIT 7 HATFIELD WAY
SOUTH CHURCH ENTERPRISE PARK I
BISHOP AUCKLAND DI14 6XF
UNITED KINGDOM

Tel. +44(0) 1388772233
Fax. +44 (0) 1388772263
Email. sales@stevens-sis.co.uk

1.4. Emergency telephone number

(+44)1388772233 (Hours 09:00 - 17:00 Mon to Fri)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Not classified.

Human health

The hazardous properties of the product are considered limited. May cause minor irritation on skin contact. In high concentrations, vapours and spray mists are narcotic and may cause headache, fatigue, dizziness and nausea.

Environment

The product is not expected to be hazardous to the environment.

2.2. Label elements

Risk Phrases	NC	Not classified.
Safety Phrases	NC	Not classified.

2.3. Other hazards

This product does not contain any PBT or vPvB substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

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2-BUTOXYETHANOL		10-30%
CAS-No.: 111-76-2	EC No.: 203-905-0	Registration Number: 01-2119475108-XX
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548/EEC) Xn;R20/21/22 Xi;R36/38	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information

Move the exposed person to fresh air at once.

Inhalation

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.

Ingestion

Immediately rinse mouth and provide fresh air. Do not induce vomiting. Get medical attention.

Skin contact

Wash skin with soap and water. Get medical attention if any discomfort continues.

Eye contact

Immediately rinse with water. Continue to rinse for at least 15 minutes. Make sure to remove any contact lenses from the eyes before rinsing. Get medical attention promptly if symptoms occur after washing.

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

General information

No data available

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

No data available

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

None under normal conditions.

Unusual Fire & Explosion Hazards

If heated, volume and pressure increases strongly, resulting in explosion of container.

Specific hazards

Closed containers can burst violently when heated, due to excess pressure build-up.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Containers close to fire should be removed or cooled with water.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.

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6.2. Environmental precautions

Avoid discharge into drains.

6.3. Methods and material for containment and cleaning up

Absorb in vermiculite, dry sand or earth and place into containers. Provide ventilation and confine spill. Do not allow runoff to sewer.

6.4. Reference to other sections

See sections: 7, 8, 11, 12 and 13

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Keep away from heat, sparks and open flame. Static electricity and formation of sparks must be prevented. Read and follow manufacturer's recommendations. Avoid inhalation of vapours/spray and contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Store at moderate temperatures in dry, well ventilated area. Keep away from heat, sparks and open flame.

7.3. Specific end use(s)

No data available

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
2-BUTOXYETHANOL	WEL	25 ppm	123 mg/m ³	50 ppm	246 mg/m ³	Sk

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through skin.

2-BUTOXYETHANOL (CAS: 111-76-2)

DNEL					
Consumer	Oral	Long Term	Systemic Effects	3.2 mg/kg/day	
Consumer	Dermal	Short Term	Systemic Effects	44.5 mg/kg/day	
Industry	Dermal	Short Term	Systemic Effects	89 mg/kg/day	
Consumer	Dermal	Long Term	Systemic Effects	38 mg/kg/day	
Industry	Dermal	Long Term	Systemic Effects	75 mg/kg/day	
Consumer	Inhalation.	Short Term	Local Effects	123 mg/m ³	
Consumer	Inhalation.	Short Term	Systemic Effects	426 mg/m ³	
Industry	Inhalation.	Short Term	Systemic Effects	246 mg/m ³	
Consumer	Inhalation.	Long Term	Systemic Effects	49 mg/m ³	

PNEC

Freshwater	8.8	mg/l
Sediment (Freshwater)	34.6	mg/kg
Sediment (Marinewater)	3.46	mg/kg
Sediment (Marinewater)	0.88	mg/l
STP	463	mg/l
Soil	2.8	mg/kg

8.2. Exposure controls

Respiratory equipment

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. In case of inadequate ventilation use suitable respirator.

Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

Eye protection

Wear approved chemical safety goggles where eye exposure is reasonably probable.

Hygiene measures

When using do not eat, drink or smoke. Wash promptly if skin becomes wet or contaminated.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	White.
Odour	of solvents
Solubility	Soluble in water.
Initial boiling point and boiling range (°C)	100 (100 TO 169)
Melting point (°C)	Not available
Relative density	1.128
Vapour density (air=1)	Not available
Vapour pressure	Not available
Evaporation rate	Not available
pH-Value, Conc. Solution	Not available
Viscosity	Not available
Decomposition temperature (°C)	Not available
Odour Threshold, Lower	Not available
Odour Threshold, Upper	Not available
Flash point (°C)	67
Auto Ignition Temperature (°C)	230
Flammability Limit - Lower(%)	1.1
Flammability Limit - Upper(%)	10.6
Partition Coefficient (N-Octanol/Water)	Not available
Oxidising properties	Not available

9.2. Other information

Not known.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Not available.

10.4. Conditions to avoid

Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials To Avoid

No data available

10.6. Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Skin contact

Slightly irritating.

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Eye contact

Spray and vapour in the eyes may cause irritation and smarting.

Health Warnings

Slightly irritating.

Route of entry

Inhalation. Skin absorption.

Target Organs

Central nervous system Respiratory system, lungs

Medical Symptoms

Narcotic effect. Vapours may cause drowsiness and dizziness.

Toxicological information on ingredients.

2-BUTOXYETHANOL (CAS: 111-76-2)

Acute toxicity:

Acute Toxicity (Oral LD50)

1300 mg/kg Rat

Acute Toxicity (Dermal LD50)

> 2000 mg/kg Guinea Pig

Acute Toxicity (Inhalation LC50)

20 mg/l (vapours) Rat

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product is not expected to be toxic to aquatic organisms.

12.1. Toxicity

Ecological information on ingredients.

2-BUTOXYETHANOL (CAS: 111-76-2)

LC 50, 96 Hrs, Fish mg/l

1474

EC 50, 48 Hrs, Daphnia, mg/l

1550

Acute Toxicity - Aquatic Plants

IC50 >1000 mg/l (Bacteria)

12.2. Persistence and degradability

Degradability

No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

Partition coefficient

Not available

12.4. Mobility in soil

Mobility:

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

Not available.

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SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Make sure containers are empty before discarding (explosion risk). Do not puncture or incinerate even when empty. Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

UN No. (ADR/RID/ADN)	N/A
UN No. (IMDG)	N/A
UN No. (ICAO)	N/A

14.2. UN proper shipping name

Proper Shipping Name	N/A
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14.3. Transport hazard class(es)

ADR/RID/ADN Class	N/A
ADR/RID/ADN Class	N/A

Transport Labels

14.4. Packing group

ADR/RID/ADN Packing group	N/A
ICAO Packing group	N/A

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant
No.

14.6. Special precautions for user

Tunnel Restriction Code	N/A
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14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not relevant

SECTION 15: REGULATORY INFORMATION

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

Uk Regulatory References

Health and Safety at Work Act 1974. Chemicals (Hazard Information & Packaging) Regulations. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

Statutory Instruments

Control of Substances Hazardous to Health.

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

JW Hagoort - Tip Dip Coating

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EU Legislation

Dangerous Preparations Directive 1999/45/EC.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Date 27/06/2013

Revision 3

Supersedes date 06/07/2011

Risk Phrases In Full

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R36/38 Irritating to eyes and skin.

NC Not classified.

Hazard Statements In Full

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

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.