

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Duraslip

Revision date 2014-07-30

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

1.1. Product identifier

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

Description	Aerosol.
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1.3. Details of the supplier of the safety data sheet

Company	Tough Technology Products Limited
Address	Eaton Place Business Centre 114 Washway Road Sale Cheshire M33 7RF United Kingdom
Web	www.ttproducts.com
Telephone	+44 800 772 0996
Email	sales@ttproducts.com
Email address of the competent person	brendan@ttproducts.com

1.4. Emergency telephone number


Emergency telephone number	+44 800 772 0996 9.00am - 5.00pm Mon-Fri
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 67/548/EEC	F+; R12 Xi; R38 N; R51/53 R67 Symbols: F+: Extremely flammable. Xi: Irritant. N: Dangerous for the environment.
Main hazards	Extremely flammable. Irritating to skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Vapours may cause drowsiness and dizziness.
2.1.2. Classification - EC 1272/2008	Aerosols 1: H222; Aerosol 1, 2, 3: H229; Skin Irrit. 2: H315; STOT SE 3: H336; Aquatic Chronic 2: H411;

2.2. Label elements

Hazard pictograms	Contains: Naphtha (petroleum) hydrotreated, light. 
Signal Word	Danger
Hazard Statement	Aerosols 1: H222 - Extremely flammable aerosol. Aerosols, 1, 2, 3: H229 - Pressurised container: May burst if heated. Skin Irrit. 2: H315 - Causes skin irritation. STOT SE 3: H336 - May cause drowsiness or dizziness.

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2.2. Label elements

Precautionary Statement: Prevention	Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
	P102 - Keep out of reach of children.
	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
	P211 - Do not spray on an open flame or other ignition source.
Precautionary Statement: Storage	P251 - Do not pierce or burn, even after use.
	P271 - Use only outdoors or in a well-ventilated area.
Precautionary Statement: Disposal	P273 - Avoid release to the environment.
	P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.
	P501 - Dispose of contents/container to / in accordance with national regulations.

2.3. Other hazards

Other hazards	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 - IF ON SKIN: Wash with plenty of water/. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 - Call a POISON CENTER/doctor/ /if you feel unwell. P321 - Specific treatment (see on this label). P332+P313 - If skin irritation occurs: Get medical advice/attention. P391 - Collect spillage. P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up.
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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
SBP 60/95 Low n-Hexane		64742-49-0	265-151-9	01-2119486291-36 01-2119486291-36	40 - 50%	F; R11 Xn; R65 Xi; R38 N; R51/53 R67
Butane	601-004-00-0	106-97-8	203-448-7	01-2119474691-32	10 - 20%	F+; R12
Propane	601-003-00-5	74-98-6	200-827-9	01-2119486944-21	10 - 20%	F+; R12

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
SBP 60/95 Low n-Hexane		64742-49-0	265-151-9	01-2119486291-36 01-2119486291-36	40 - 50%	Flam. Liq. 2: H225; Asp. Tox. 1: H304; Skin Irrit. 2: H315; STOT SE 3: H336; Aquatic Chronic 2: H411;
Butane	601-004-00-0	106-97-8	203-448-7	01-2119474691-32	10 - 20%	Flam. Gas 1: H220;
Propane	601-003-00-5	74-98-6	200-827-9	01-2119486944-21	10 - 20%	Flam. Gas 1: H220;

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing.
Ingestion	DO NOT INDUCE VOMITING.

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

Inhalation	May cause irritation to respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	May cause irritation to mucous membranes.

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

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

Inhalation	Seek medical attention if irritation or symptoms persist.
Eye contact	Seek medical attention if irritation or symptoms persist.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	Seek medical attention if irritation or symptoms persist.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area.

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. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4. Reference to other sections

See section 8 and 13 for further information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. 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. Store in correctly labelled containers.

7.3. Specific end use(s)

No data is available on this product.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure controls.

8.1.1. Exposure Limit Values

Butane	WEL 8-hr limit ppm: 600	WEL 8-hr limit mg/m ³ : 1450
	WEL 15 min limit ppm: 750	WEL 15 min limit mg/m ³ : 1810

8.2. Exposure controls



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8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear protective clothing.
Eye / face protection	In case of splashing, wear:.. Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Aerosol
Colour	Clear
Odour	Characteristic

SECTION 10: Stability and reactivity

10.1. Reactivity

	No data available.
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10.2. Chemical stability

	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	No data available.
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10.4. Conditions to avoid

	No data available.
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10.5. Incompatible materials

	No data available.
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10.6. Hazardous decomposition products

	Burning produces obnoxious and irritating fumes.
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SECTION 11: Toxicological information

11.1.4. Toxicological Information

	No data available
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SECTION 12: Ecological information

12.1. Toxicity

	No data available
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12.2. Persistence and degradability

	No data is available on this product.
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12.3. Bioaccumulative potential

	No data is available on this product.
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12.4. Mobility in soil

	No data is available on this product.
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12.5. Results of PBT and vPvB assessment

	No data available.
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12.6. Other adverse effects

	No data available.
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SECTION 13: Disposal considerations

General information

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General information	
	Dispose of in compliance with all local and national regulations.
Disposal methods	
	Contact a licensed waste disposal company.
Disposal of packaging	
	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.
SECTION 14: Transport information	
Hazard pictograms	
	
14.1. UN number	
	UN1950
14.2. UN proper shipping name	
	AEROSOLS
14.3. Transport hazard class(es)	
ADR/RID	2
Subsidiary risk	see SP63
IMDG	2
Subsidiary risk	see SP63
IATA	2
Subsidiary risk	see SP63
14.4. Packing group	
Packing group	-
14.5. Environmental hazards	
Environmental hazards	No
Marine pollutant	No
ADR/RID	
Hazard ID	-
Tunnel Category	(D)
IMDG	
EmS Code	F-D S-U
IATA	
Packing Instruction (Cargo)	203
Maximum quantity	150 kg
Packing Instruction (Passenger)	203
Maximum quantity	75 kg
SECTION 15: Regulatory information	
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

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

	Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning 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.
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15.2. Chemical safety assessment

	A chemical safety assessment has not been carried out on this product.
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SECTION 16: Other information

Other information

Text of risk phrases in Section 3	R11 - Highly flammable. R12 - Extremely 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. R67 - Vapours may cause drowsiness and dizziness.
Text of Hazard Statements in Section 3	Flam. Gas 1: H220 - Extremely flammable gas.

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.
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