Material Safety Data Sheet

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Triton TWS-EX Primer LT (low temperature)

1. Product use

(SU3) Industrial uses: Uses of substances as such or in preparations at industrial sites; (SU19) Building and construction work: (PC9a) Coatings and paints, thinners, paint removers; (SU22) Professional uses: Public domain (administration, education, entertainment, services, craftsmen); (SU19) Building and construction work; (PC9a) Coatings and paints, thinners, paint removers.

2. Restricted use

(SU21) Consumer uses:	Private households (=general public=consumers)

3. Hazards identification

Classification – 1999/45/EC:	Xn;R20/21-48/20 N; R51/53 R10-66
Symbols:	Xn Harmful. N: Dangerous for the environment.
Main hazards:	Flammable. Harmful by inhalation and when in contact with skin. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Repeated exposure may cause skin dryness or cracking.
Classification – EC 1272/2008:	Flam. Liq. 3: H226; Acute Tox. 4: H332; STOT SE 3: H336: STOT RE 1: H372; Aquatic Chronic 2: H411.

4. Label elements

Hazard pictograms

Signal word	Danger
Hazard statement	Flam. Liq. 3: H226 – Flammable liquid and vapour. Acute Tox. 4: H332 – Harmful if inhaled. STOT SE 3: H336 – May cause drowsiness or dizziness. STOT RE 1: H372 – Causes damage to organs through prolonged or repeated exposure. Aquatic chronic 2: H411 – Toxic to aquatic life with long lasting effects.
Precautionary statement:	P210 – keep away from heat, hot surfaces, Prevention sparks, open flames and other ignition sources. No smoking. P243 – take precautionary measures against static discharge. P260 – do not breathe dust/fume/gas/mist/vapours/spray. Avoid release to the environment. P280 – wear protective gloves/protective clothing/eye protection/face protection.
Precautionary statement:	P501 – Dispose of this material and its Disposal container to hazardous or special waste collection point.
Supplemental hazard info:	EUH066 – repeated exposure may cause skin dryness or cracking.

5. Composition/information on ingredients

Mixtures:

67/548/EEC/1999/45/EC

Chemical name	CAS No.	EC No.	Conc. (%w/w)	Classification
White spirit	64742-88-7	919-446-0	50 – 60%	Xn:R48/20-65 N;R51/53 R10-66-67
Bitumen (for Primers)	–	–	30 – 40%	Xn: R20/21

EC 1272/2008

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White spirit	64742-88-7	919-446-0	50 – 60%	EUH066;Flam.Liq 3: H226;STOT SE 3: H336; STOT RE 1: H372; Aquatic Chronic 2: H411
Bitumen (for Primers)	–	–	30 – 40%	Acute Tox. 4: H312+H322;

6. First aid measures

Inhalation: Move the exposed person to fresh air.

Eye contact: Rinse immediately with plenty of water.

Skin contact: Wash off immediately with plenty of soap and water.

Symptoms:

Inhalation: May cause dizziness and headaches. Harmful by inhalation. Causes damage to organs through prolonged or repeated exposure.

Skin contact: Harmful in contact with skin. Repeated exposure may cause skin dryness or cracking.

Ingestion: Ingestion may cause nausea or vomiting.

7. Firefighting measures

Extinguishing media: Use extinguishing media appropriate to the surrounding fire conditions.

Special hazards arising from the substance or mixture: Vapour may travel considerable distance to source of ignition and flash back. Take precautionary measures against static discharge.

Advice for firefighters: Wear suitable respiratory equipment where necessary.

8. Accidental release measures

Environmental precautions: Prevent further spillage if safe. Do not allow the product to enter drains. Absorb with inert, absorbent material.

Methods and material for containment and cleaning up: Absorb with inert, absorbent material.

9. Handling and storage

Precautions for safe handling: Adopt best Manual Handling considerations when handling, carrying and dispensing. Take precautionary measures against static discharges. Keep away from sources of ignition. No smoking.

Conditions for safe storage: Keep in a cool, dry, well ventilated area. Keep away from food, drink and animal feed stuffs. Keep away from sources of ignition. No smoking.

10. Exposure controls/personal protection

Exposure limit values:

WEL 8-hr limit ppm: WEL 15 min limit ppm: WEL 8-hr limit mg/m^3 total – Inhalable dust: WEL 8-hr limit mg/m^3 total – respirable dust:	WEL 8-hr limit mg/m^3: 350 WEL 15 min limit mg/m^3: WEL 15 min limit mg/m^3 total – inhalable dust: WEL 15 limit mg/m^3 total – respirable dust

Exposure controls:

Appropriate engineering controls: Ensure adequate ventilation of the working area.

Individual protection measures: Wear suitable gloves and eye/face protection.

11. Physical and chemical properties

Appearance:	Liquid
Colour:	Black
Odour:	Characteristic
Freezing point:	No data available
Initial boiling point:	150°C
Flash point:	39°C
Evaporation rate:	No data available
Upper explosive limit:	8%
Lower explosive limit:	0.6%
Vapour pressure:	No data available
Vapour density:	>1 air =1
Relative density:	0.9
Partition co-efficient:	No data available
Auto-ignition temperature:	No data available
Viscosity:	>200 sec. 3mm (ISO 2431)
Oxidising properties:	Not relevant
Solubility:	Insoluble in water
VOC (Volatile Organic Compounds):	<540g g/l (ASTM D 2369)

12. Stability and reactivity

Flammable liquid: Avoid sparks, flames, heat and sources of ignition.

Incompatible materials: Acids, alkalis.

13. Toxicological information

Toxicity: No data available.

Other adverse effects: Toxic to aquatic organisms. May cause long term effects in aquatic environment.

14. Disposal considerations

Dispose of this material and its container to hazardous or special waste collection point.

Hazard pictograms:

UN Number:	UN 1999
UN Proper shipping name:	Tars, Liquid
Transport hazard class/es:	
ADR/RID	3
Subsidiary risk	–
IMDG	3
Subsidiary risk	–
IATA	3
Subsidiary risk	–
Packing group:	111
Environmental hazards:	Yes
Marine pollutant:	Yes
ADR/RID	
Hazard ID	30
Tunnel Category	(D/E)
IMDG	
EmS Code	F-E-S-E
IATA	
Packing instruction (cargo)	366
Maximum quantity	220L
Packing instruction (passenger)	355
Maximum quantity	60L

15. Regulatory information

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 (ECC) 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 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.

16. General information

The information supplied in this Material 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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