

SAFETY MATERIAL DATA SHEET

This Safety Material Data Sheet is prepared on the base of Regulation 1907/2006/EC of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/WE and repealing Council Regulation 793/93/EEC and Commission Report 1488/94/EC and Council Directive 76/769/EEC and Directives 91/155/EEC, 93/67/EEC, 93/105/EC i 200/21/EC.

1 PRODUCT IDENTIFICATION MANUFACTURER AND DISTRIBUTOR IDENTIFICATION

Product identification: INTER TROTON 2 in 1 ANTI GRAVEL COATING
AND SEAM SEALANT IN ONE

Application:
Professional repairs of car bodies.

Manufacturer:
TROTON Ltd. Tel/Fax +48 94 35 126 22
78-120 Goscinno Tel +48 94 35 123 94
Zabrowo 14A e-mail:

Emergency telephone number (8:00 am – 4:00 pm): +48 94 35 126 22

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Preparation date: 17.04.2006

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2 HAZARDS IDENTIFICATION

2.1 Health hazards

Product is highly flammable (F)
Product is harmful (Xn). Harmful: danger of serious damage to health by prolonged exposure through inhalation (R48/20). Irritating to skin.(R38)
May cause sensitization by skin contact (R43). Possible risk of harm to the unborn infant (R63).
Harmful: may cause lung damage if swallowed (R65).

3.2 Fire hazard

Highly flammable liquid, avoid contact with strong oxidizing agents.

3 COMPOSITION AND INFORMATION ON INGREDIENTS

3.1 Hazardous components of the product and their classification

<u>Component</u>	<u>EEC No</u>	<u>CAS No</u>	<u>WE No</u>	<u>% by weight</u>	<u>Symbol</u>	<u>R-Phrases</u>
Toluen	601-021-00-3	108-88-3	203-625-9	25-<50	F; Xn; Xi Repro. kat.3	11-38- 48/20-65- 63-67
Solvent naphtha (petroleum), light	649-357-00-4	64742-95-6	265-199-0	1-<5	Xn; Xi; N	NOTA H: NOTA P;

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arom.

NOTA 4
R10-37-
51/53-65-
66-67

4 FIRST AID MEASURES

4.1 First aid measures depending on means of hazard

Inhalation:	Remove to fresh air, keep quiet and warm (blanket). If breathing is difficult, give oxygen. If no breathing, give artificial respiration. Call a physician.
Eye contact:	Remove contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, eyelids should be opened. Call an oculist.
Skin contact:	Immediately flush skin with plenty of water for at least 20 minutes, remove contaminated clothing, and flush skin with plenty of water with soap. If any irritation occurs, contact with a physician.
Ingestion:	When swallowed, do not induce vomiting because is risk of aspiration of substance into the airways and lungs. Immediately get medical attention.
General advice:	Observe common precautions as during works with chemicals. If any alarming symptoms occur, call a physician.
Advice for a physician:	There is no specific antidote, treat symptomatically.

5 FIRE FIGHTING MEASURES

5.1 Suitable extinguishing media

Dry powder, foam resistant to action of alcohols, carbon dioxide (CO₂), water mist.

5.2 Specific hazards

In the case of fire, may be create a carbon dioxide.

5.3 Special protective equipment

Equip firefighters with self-containing breathing apparatus and light protective clothing.

5.4 Additional information:

Cool adjacent containers with water spray within safe distance.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions

Precautions:

Eliminate ignition sources. Ensure adequate ventilation of room. Avoid direct contact with released substance. Avoid contact with skin or eyes.

6.2 Environmental precautions

Do not let product enter drains, waterways, underground water and soil. If large spill, rampart area.

6.3 Methods for cleaning up

Eliminate spill (shut off liquid flow, seal), damage container put in emergency container, sop up liquid to emergency container by mechanical means. If small spill, take up with absorbent material (e.g. mica, diatomaceous earth, sand). Disposal procedure – see Section 13 of this SMDS.

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7 HANDLING AND STORAGE

7.1 Handling procedures

Keep away from heat and flame sources. Do not smoke. Do not breathe vapour. Avoid contact with skin or eyes. Take precautions against electrostatic discharges. Use only in adequate ventilated room. Use personal protective equipment – see Section 8 of this SMDS.

7.2 Storage

Store in tight closed containers in cool and adequate ventilated rooms. Do not store near large quantity of organic peroxides and other strong oxidizing agent. Protect against direct sunlight.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Limit values

<u>Substance</u>	<u>CAS No</u>	<u>Standard</u>	<u>Value</u>	<u>Unit</u>
Toluene	108-88-3	NDS	100	mg/m ³
		NDSch	200	mg/m ³
		NDSP	---	mg/m ³

Legal basis:

Ordinance of Minister for Labour and Social Policy of 29th November 2002. In the Matter of Admissible Concentrations and Intensity of Factors Harmful for Health in Workplace Environment (Official Journal No 217 Pos. 1833, 2002 with subsequent modifications)

Respiratory protection:

Gas-mask with canister type of A

Hand Protection:

Protective gloves for works with solvents (e.g. gloves made with Viton, nitrile rubber or polyvinyl alcohol)

Eye Protection:

Safety glasses

Skin Protection:

Suitable protective clothing (coated and impregnated fabric)**Workplace:** Ventilation hoods

9 PHYSICAL & CHEMICAL PROPERTIES

9.1 Physical form, colour, odour

Liquid, black, sharp and penetrating odour

9.2 Boiling point

111°C

9.3 Melting point

not available

9.4 Vapour pressure

30 hPa in 20°C

120 hPa in 50 °C

9.5 Water solubility

Very weak

9.6 Density

Approx. 1,23 g/cm³ (20)

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- 9.7 pH**

- 9.8 Flash point**
4°C
- 9.9 Explosive limits**
upper : 1,3 Vol %
lower: 7,0 Vol %
- 9.10 Autoignition point**
450°C
- 9.11 Explosive properties**
not explosive
- 9.11 Breakdown temperature**

- 9.12 Distribution ratio n-octanol/water**

- 9.13 Viscosity (rotational photometer)**
4250 mPas in 20°C
- 9.14 Dissolve in water**
very week

10 STABILITY AND REACTIVITY

- Stability:** Product is stable in normal conditions of storage and usage.
- Conditions to avoid:** Strong oxidizing agents, high temperature
- Hazardous decomposition products:** Upon thermal decomposition, this product emits carbon monoxide and other toxic gases.

11 TOXICOLOGICAL INFORMATION (Literature Data)*

No experimental data is available for this product. Assessment was made on the base data concerning dangerous components included in composition of the product

- Toxicity:**
- | | | |
|----------|------------------------|-----------------------------|
| Toluene: | LD50 (rat, oral) | 5000 mg/kg |
| | LC50 (rat, inhalation) | 15320 mg/m ³ /4h |

- Solvent naphtha (petroleum),
light arom.
- | | | |
|--|------------------------|-------------|
| | LD50 (rat, oral) | >6800 mg/kg |
| | LD50 (rat, skin) | >3400 mg/kg |
| | LC50 (rat, inhalation) | >10,2 mg/l |

- Irritating action:** Skin irritation: Product has and irritating influence on skin and mucosa
Eye irritation: It has and irritating action

- Toxicological effect:** Headache and vertigo, tiredness, muscle weakening, sleepiness and syncope in special cases. When swallowed, irritation of digestive tract, nausea, vomiting and diarrhoea may occur.

*Literature data is coming from Toxnet Toxicology Data Network, Federal Environment Agency and WEKA Guide.

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12 ECOLOGICAL INFORMATION (Literature Data)*

No experimental data is available for this product. Assessment was made on the base data concerning dangerous components included in composition of the product

Toluene: Daphnia manga /EC50 (48h) 11 mg/l
Sharp toxicity for fish LC50 13mg/l/96h
Number in Catalogue of Substances Dangerous for Water: 194
Hazard class for water: 2

Product has very weak water solubility. Do not let product enter drains, surface water, underground water and soil.

*Literature data is coming from: Toxnet Toxicology Data Network, Federal Environment Agency and WEKA Guide.

13 DISPOSAL CONSIDERATIONS

Legal basis:

Act of 27th April 2001. Waste Act (Official Journal No 62 Pos. 628, 2001)

Ordinance of Minister for Environmental Protection of 27th September 2001. In the Matter of Waste Catalogue (Official Journal No 112 Pos. 1206 of 8th October 2001.

Act of 11th May 2001. In the Matter of Package and Package Waste (Official Journal No 63 Pos. 638, 2001)

Act of 19th December 2002. In the Matter of Modification of Waste Act and Several Other Acts (Official Journal No 7 Pos. 78, 2003)

10.1 Disposal of unused products and waste from residues

Do not dispose the product with domestic waste; do not spill into drainage systems. Waste of this product must be burned in special installations for this purpose or dispose for authorized waste receiver.

08 01 Waste coming from production, preparation, turnover and usage of paints and lacquers.

08 01 11* Waste of paints and lacquers containing organic solvents or other dangerous substances - Dangerous waste

10.2 Disposal of spent packages

Waste Code:

15 01 10* Packages containing residues of dangerous substances or packages polluted with dangerous substances. Spent packages dispose for authorized receiver who has adequate permission for waste management, especially dangerous waste.

14 TRANSPORT INFORMATION

General information:



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ADR/RID: 3 Falmmanle liquids
Danger code (Kambeler): 33
Un Number: 1139
Packaging group: III
Hazard label: 3
Description of gods: 1139 COATING SOLUTION, special provision 640H
Limited quantities(LQ): LQ 7
Transport category: 3
Tunnel restriction code: E

Maritime transport IMDG:



IMDG Lass: 3
Un Numer: 1139
Label: 3
Packaging group: III
EMS Number: F-E, S-E
Marine pollution: No
Proper shipping name: COATING SOLUTION
Air Transport ICAO-TI and IATA-DGR:



ICAO/IATA Lass: 3
UN/ID Numer: 1139
Label: 3
Packaging group: III
Proper shipping name: COATING SOLUTION
Un model regulation : UN1139; COATING SOLUTION; 3; III

15 REGULATORY INFORMATION

15.1 Package:
Package marking:
Warning label must contain the followings:

INTER TROTON UBS 2 in 1

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SYMBOL

Xn

F



HARMFUL PRODUCT



**HIGHLY
FLAMMABLE**

Phrases indicating
kind of danger (R)

R11
R48/20

Highly flammable.
Harmful: danger of serious
damage to health by prolonged
exposure through inhalation

R38
R63

Irritating to skin
Possible risk of harm to the
unborn infant

R65

Harmful: may cause lung damage
if swallowed

Phrases indicating conditions of safe usage (S)

S2
S16
S23
S 36/37

Keep out of the reach of children.
Keep away from sources of
ignition. No smoking.

Do not breathe vapour/spray.
Wear suitable protective clothing
and gloves

S38

In case of insufficient ventilation,
wear suitable respiratory
equipment.

S60

This material and its container
must be disposed of as hazardous
waste.

Contains: Toluene, Solvent naphtha (petroleum), light arom

VOC = 558,9 g/l
2004/42/WE IIB(e) (840) 558,9

15.2 Other regulations, if applicable

Chemical Substances and Preparations Act of 11th January 2001, (Official Journal No 11 Pos. 84; No 100 Pos. 1085; No 123 Pos. 1350; No 125 Pos. 1367 with modification of 5th July 2002 (Official Journal No 142 Pos. 1187).

Ordinance of Minister for Health of 3rd July 2002 in the Matter of Safety Dangerous Substance or Dangerous Preparation Data Sheet (Official Journal No 140 Pos. 1171)

Ordinance of Minister for Health of 14th December 2004 in the Matter of Modifications of Safety Dangerous Substance or Dangerous Preparation Data Sheet (Official Journal No 2 Pos. 8)

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Ordinance of Minister for Health of 14th December 2004 in the Matter of Modifications of Safety Dangerous Substance or Dangerous Preparation Data Sheet (Official Journal No 201 Pos. 1674)

Ordinance of Minister for Health of 2nd September 2004 in the Matter of Marking of Dangerous Substance and Chemical Preparation Packages (Official Journal No 173 Pos. 1679 with subsequent modifications)

Ordinance of Minister for Health of 2nd September 2003 in the Matter of Criterion and Classification Method for Chemical Substances and Preparations (Official Journal No 171 Pos. 1666 with subsequent modifications)

Waste Act of 27th April 2001 (Official Journal No 62 Pos. 628) and Ordinance of Minister for Environment Protection of 27th April 2001 in the Matter of Waste Catalogue (Official Journal No 112 Pos. 1209)

Act of 29th July 2005 in the Matter of Modification of Waste Act and Several Other Acts (Official Journal of 2005 No 175 Pos. 1458)

Ordinance of Minister for Labour and Social Policy of 29th November 2002 in the Matter of Admissible Concentrations and Intensity of Factors Harmful for Health in Workplace Environment (Official Journal No 217 Pos. 1833, 2002 with subsequent modifications)

Ordinance of Minister for Economy of 16th January 2007. In the Matter of Detailed Requirements for Limitation of Emission of Volatile Organic Compounds due to the use of Organic Solvents in Certain Paints and Varnishes and Vehicle Refinishing Products. 72)

Directive 2004/42/EC of the European Parliament and of the Council of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC.

16 ADDITIONAL INFORMATION

Data contained in this Safety Material Data Sheet is showed in order to description product only viewpoint of safety. User is responsible for conditions for safe usage of the product and he is responsible for effects due to misapplication of the product.

In this Safety Material Data Sheet the following R-Phrases (indicating kind of danger) are used:

R10	Flammable.
R11	Highly flammable.
R37	Irritating to respiratory system
R38	Irritating to skin
R43	May cause sensitization by skin contact
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation
R51/53	Toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment
R63	Possible risk of harm to the unborn infant
R65	Harmful: may cause lung damage if swallowed
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness