



SAFETY DATA SHEET

PART No. TRL101

1. IDENTIFICATION OF THE PRODUCT

PRODUCT NAME: TRL101 BEAD SEALER 1LTR + APPLICATOR
PRODUCT CODE: TRL101
SUPPLIER: Autogem Invicta Ltd.
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2. COMPOSITION/INFORMATION ON INGREDIENTS:

Chemical characterization (preparation)

Preparation solved in petroleum spirit

Hazardous components:

EC-No.	CAS-No.	Chemical name	Quantity	Classification
265-151-9	64742-49-0	Naphtha (petroleum)	< 90 %	F, N, Xi, Xn R11-38-51-53-65-67

Full text of each relevant R phrase can be found in heading 16.

3. HAZARDS IDENTIFICATION:

Classification

Symbols : Highly flammable, Irritant, Dangerous for the environment

R-phrases : Highly flammable.
Irritating to skin.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Vapours may cause drowsiness and dizziness.

4. FIRST AID MEASURES:

General information: Remove contaminated soaked clothing immediately.
In the event of persistent symptoms receive medical treatment.
Take away from danger area and lay down affected person.

In case of inhalation: Move to fresh air in case of accidental inhalation of vapours.
Seek medical treatment immediately.

In case of skin contact: Wash off with soap and plenty of water. Treat subsequently with skin cream.
Consult a doctor if skin irritation persists.



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In case of ingestion: Induce vomiting only the advice of physician. Attention! Beware, danger of aspiration!
Do not induce vomiting summon a doctor immediately.

5. FIRE FIGHTING MEASURES:

Suitable extinguishing media: Alcohol-resistant foam, dry chemical, carbon dioxide (CO₂), water-spray.
Unsuitable Extinguishing media: Full water Jet.

Special exposure hazards arriving from the substance, combustible products or resulting gases:

Fire may produce carbon monoxide and carbon dioxide, sulphur oxides and nitrogen oxides (NO_x)

Special protective equipment for firefighters: Use breathing apparatus with independent air supply. Protective suit.
Additional information: Vapours/ air is explosive, even in empty, uncleaned receptacles.
Vapours are heavier than air and spread along ground.
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

6. ACCIDENTAL RELEASE MEASURES:

Personal Precautions: In case of vapour formation use aspirator.
Use only explosion-proof equipment.
Ensure adequate ventilation.
Use personal protective clothing.
Keep away sources of ignition.

Environmental Precautions: Do not discharge into the drains/surface waters/groundwater.

Methods for cleaning up/taking up: Soak up with inert absorbent material (e.g. sand, silica, acid binder, universal binder). Shovel into suitable container for disposal.

7. HANDLING AND STORAGE:

Handling: Keep container tightly closed.
Vapours are heavier than air and spread along ground.
Keep a good ventilation and air-exhaust at the place of work.
Avoid contact with skin, eyes and clothing.

Advice on protection against fire and explosion:

Keep away from heat and sources of ignition.
Do not smoke.
Take precautionary measures against static discharges.
Use only explosion-proof equipment.



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Requirement for storage rooms and vessels

Keep container tightly closed in dry, cool and well-ventilated place.

Pay attention to anti-explosion rules.

Advice on storage compatibility: Incompatible with Oxidising agents
Nitrous acid and other nitrosating agents

Further information on storage conditions: Keep away from food, drink and animal feeding stuffs.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

Occupational exposure controls: Ensure adequate ventilation, especially in confined areas.

Protective and hygiene measures: Wash hands before breaks and immediately after handling the product.
When using, do not eat, drink or smoke.
Treat subsequently with skin cream.
Remove and wash contaminated clothing before re-use.

Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment (gas filter type A)

Hand protection: Protective gloves resistant to chemicals made off nitrile, minimum coat of thickness 0.4 mm, permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Camatril Velours 730> made by www.kcl.de This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions. Requirements can vary as a function of the use. therefore it is necessary to adhere additionally to the recommendations given by manufacturer of protective gloves.

Eye protection: Eye wash bottle with pure water
Tightly fitting goggles.

Skin protection: Solvent-resistant apron.



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9. PHYSICAL AND CHEMICAL PROPERTIES:

Physical State: Liquid
Color: Black
Odor: Hydrocarbon-like

Important health, safety and environment information:

	Value	Test method
Boiling Point:	63-95 deg C	
Flash Point:	< - 25 deg C	
Flammability:		
Lower explosion limit:	1.1 Vol. %	
Upper explosion limits:	7 vol. %	
Ignition temperature:	>260 deg C	
Vapour pressure at 20 deg C:	180 hPa	
Density at 20 deg C:	0.70 g/cm ³	
Water solubility at 20 deg C:	immiscible	
Viscosity / dynamic at (20 °C):	1500 mPa.s	
Flow time at (23 °C)	>30 s	6 DIN/ISO 2431
Solvent content:	<90%	

10. STABILITY AND REACTIVITY:

Conditions to avoid: To avoid thermal decomposition, do not overheat.
Vapour/ air mixture are explosive at intensive warming
Heating can release vapours which can be ignited.

Materials to avoid: Oxidising agents.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, sulphur oxides.

Additional information: No decomposition if stored and applied as direct.

11. TOXICOLOGICAL INFORMATION:

Empirical data on effects on humans: Irritating to skin
Vapours may cause drowsiness and dizziness



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Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. A longer or repeated contact may lead to irritation of eyes and mucous membranes. Repeated or prolonged skin contact may cause skin and/or dermatitis and sensitization of susceptible persons.

12. ECOLOGICAL INFORMATION:

Further information:

Do not flush into surface or sanitary sewer system.
Slightly water hazardous
Toxic organisms may cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS:

Advice on disposal:

Can be incinerated, when in compliance with local regulations.
Where possible recycling is preferred to disposal.

Waste disposal number of waste from residues/unused products:

070704: WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fine chemicals and chemical products not otherwise specified; other organic solvents, washing liquids and mother liquors classified as hazardous waste.

Contaminated packaging: Empty containers should be taken for local recycling, recovery or waste disposal
Contaminated packaging should be emptied as far as possible after appropriate cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed of like the product.

14. TRANSPORT INFORMATION:

Land transport (ADR/RID)

ADR/RID class:	3
Hazard number:	33
UN-No:	3295
Hazard label:	3
ADR/RID packing group:	II
Description of goods:	Hydrocarbons, liquid, n.o.s.



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Other applicable information (land transport):

LQ 7: combination packing: 5 l / 30kg (total gross mass), trays: 5 l / 20kg (total gross mass).

Inland waterways transport:

Marine transport:

IMDG code:	3
UN number:	3295
Marine pollutant:	No
EmS :	F-E ; S-D
IMDG packing group	II
Hazard label:	3
Description of the goods:	HYDROCARBONS, LIQUID, N.O.S.
Remarks (land transport):	Limited quantities (chapter 3.4): combination packaging: 1 l / 30 kg (total gross mass); trays: 1 l / 20 kg (total gross mass)

Air transport:

ICAO/IATA-DGR:	3
UN/ID number:	3295
Hazard label:	3
IATA-packing instructions- Passenger:	305
IATA-max. quantity – Passenger:	5 L (*)
IATA-packing instruction – Cargo:	307
IATA-max. quantity – Cargo :	60 L (*)
ICAO packing group:	II
Description of the goods:	HYDROCARBONS, LIQUID, N.O.S.

15. REGULATORY INFORMATION

Labelling:

Additional advice on labelling: According to EEC-regulations the product is to be labelled as follows:

R-phrases:

11	Highly flammable.
38	irritating to skin.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
67	Vapours may cause dryness and dizziness.

S-phrases:

16	Keep away from sources of ignition – No smoking
33	Take precautionary measures against static discharges.
35	This material and its container must be disposed of in a safe way.
61	Avoid release to the environment. Refer to special instructions / Safety data sheet.



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National regulatory information:

Water contaminating class (D): 1 – slightly water contaminating
1999/13/EC (VOC) < 90 %

6. OTHER INFORMATION:

List of relevant R phrases:

11	Highly flammable.
38	Irritating to skin.
51	Toxic to aquatic organisms
51/53	Toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment.
53	May cause long-term adverse effects in the aquatic environment.
65	Harmful: may cause lung damage if swallowed.
67	Vapours may cause drowsiness and dizziness.

Other data: Data items 4 to 8 , as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on the product), but to liberation of major amounts in case of accidents and irregularities. The information describes exclusively the safety requirement for the product (s) and is based on the present level knowledge. The delivery specifications are contained in the corresponding product sheet. This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.
(n.a. = not application; n.d. = not determined)



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