

**HARMFUL****Triton Chemical Manufacturing Co. Ltd**

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**1. PRODUCT NAME: TRIPROOF 290****2. COMPOSITION**

Hazardous ingredient	CAS No.	EC No.	Weight %	Symbols	Risk Phrases
De-aromatised white spirit	64742-48-9	265-150-3	92 - 94	Xn	R10, R65, R66
Silicone Resin			6 - 8		R10, R52, R53

**3. HAZARD IDENTIFICATION****HARMFUL**

Flammable

Harmful: May cause lung damage if swallowed

Repeated exposure may cause skin drying and cracking

**4. FIRST AID****CONTACT WITH SKIN**

Wash with plenty of soap and water.

**CONTACT WITH EYES**

Wash out with water for several minutes. If redness and/or irritation persist, seek medical advice

**INGESTION**

Rinse the mouth (do not swallow), and give milk to drink. Medical advice DO NOT INDUCE VOMITING.

**INHALATION**

Remove to fresh air if fumes cause irritation of nose or throat.

**OTHER INFORMATION**

Treat symptomatically

**5. FIRE-FIGHTING MEASURES****SUITABLE EXTINGUISHING MEDIA**Dry powder or foam. For small fires use CO<sub>2</sub>. Never use water jet. Flash point 40°C.**SPECIAL PROTECTIVE EQUIPMENT**

For fires in confined spaces, use breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS**

Wear suitable protective clothing including appropriate to the amount involved, may include eye/face protection, PVC or synthetic rubber gloves, protective footwear, overalls.

(Cont'd)

## 6. ACCIDENTAL RELEASE MEASURES (contd.)

ENVIRONMENTAL PRECAUTIONS	Do not allow to enter public sewers and watercourses. If this cannot be avoided, inform the appropriate authority.
CLEAN-UP PROCEDURES	Absorb in dry sand or earth or similar absorbents and shovel into a suitable closed container for disposal according to item 13.

## 7. HANDLING AND STORAGE

HANDLING PRECAUTIONS	Observe good hygiene standards and minimise skin contact. Wear suitable protective clothing according to item 8.
STORAGE INFORMATION	Keep containers tightly closed in a cool place, out of direct sunlight. Keep store well ventilated. Exclude atmospheric moisture from product.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Where prolonged or repeated exposure is likely, protective clothing should be worn, including eye protection and PVC or synthetic rubber gloves.

If spraying wear suitable respiratory protection, either an air-fed mask or cartridge type respirator fitted with a suitable cartridge.

Wash hands and exposed skin before meals and after work. Do not eat, drink or smoke whilst handling the product.

Do not wear contaminated clothing. Ventilate confined spaces thoroughly.

EXPOSURE LIMITS	LTEL for solvent: 1000mg/m <sup>3</sup> (8 hr. TWA)
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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, colourless liquid	Oxidising properties	None
Odour	Paraffinic	Vapour pressure	< 10 mbar @ 37.8°C
PH	Not relevant	Relative density	0.78 (15°C)
Boiling point	160° to 200°C	Bulk density	Not relevant
Melting point	Not relevant	Viscosity	1.3cS @ 20°C
Flash point	40°C	Solubility	Insoluble in water
Autoignition temperature	230°C	Partition coefficient	No data
Flammability limits	LEL 0.6%,UEL 8.0%	Other data	Aromatic content 0.4% vol, typically

## 10. STABILITY/REACTIVITY

STABILITY	Stable under normal conditions of use. (Protect from heat and ignition sources)
CONDITIONS TO AVOID	No special requirements
MATERIALS TO AVOID	Strong oxidising agents, strong acids/alkalis and halogens

## 11. TOXICOLOGICAL INFORMATION

Toxicity following a single exposure to high levels of the solvent component is of a low order. Prolonged and repeated contact may cause drying of the skin and possibly dermatitis. Prolonged inhalation of spray mist may cause inflammation of the lungs. The major hazard is lung damage from aspiration – medical supervision for 24-48 hours is recommended if aspiration could have occurred.

LD<sub>50</sub> oral (rat) >5g/kg. LD<sub>50</sub> dermal (rabbit) >5g/kg.

## 12. ECOLOGICAL INFORMATION

MOBILITY	The solvent is volatile, and the active ingredient decomposes in contact with water, becoming fixed in the soil.
DEGRADABILITY	Biodegrades slowly. If admitted with care into adapted bio-treatment plants, no adverse effects on the live sludge are to be expected.
ACCUMULATION	Has the potential to bioaccumulate. Log Pow = 4.07
ECOTOXICITY	Solvent is classed as non-toxic. Silicone is moderately toxic.

## 13. DISPOSAL CONSIDERATIONS

DISPOSAL OF PRODUCT	Chemical residues are normally regarded as Special Waste. Dispose of in accordance with local and national regulations. Can be burned in domestic refuse incinerators in accordance with local regulations.
DISPOSAL OF PACKAGING	Uncleaned packaging should be treated as for the product. If thoroughly rinsed, it may be treated as general waste for incineration or landfill, according to regulations.

## 14. TRANSPORT INFORMATION

UN No	1993
PROPER SHIPPING NAME	FLAMMABLE LIQUID, NOS. Triproof 2/290, contains 92 - 94% white spirit
EMERGENCY ACTION CODE	3Y
ADR/RID	Class 3. Item 31(c)
IMCO	Class 3.3 IMDG Code page MFAG Table No. EmS No.

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## 14. TRANSPORT INFORMATION (Cont'd)

IATA/IACO	Class 3.2
PACKING GROUP	3
LABEL	Flammable

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## 15. REGULATORY INFORMATION

CLASSIFICATION	Harmful: may cause lung damage if swallowed Flammable Repeated exposure may cause skin cracking and drying
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### LABEL INFORMATION

#### PRECAUTIONS

Keep out of the reach of children  
Do not breathe vapour/spray  
Avoid contact with skin  
In case of fire use foam/dry powder/CO<sub>2</sub> Do not use water  
Avoid release to the environment  
If swallowed, do not induce vomiting, seek medical advice immediately and show the container or label.  
Use only in well-ventilated areas.

Refer to other relevant legislation such as the Health and Safety at Work etc Act (HSWA), the Control of Substances Hazardous to Health Regulations (COSHH), the Environment Protection Act and the Control of Pollution Act.

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risk as required by health and safety legislation.

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## 16. OTHER INFORMATION

The information contained in this data sheet is to the best of our knowledge accurate at the date of publication, but we cannot accept responsibility that it is sufficient or correct in all cases.

The data contained herein does not constitute a specification. Such information is available from the technical data sheet for the product.

*Abbreviations: OES – occupational exposure standard. STEL – short-term exposure limit. LTEL – long term exposure limit. TWA – time weighted (8 hour) average. LEL – lower explosive limit. UEL – upper explosive limit.*