



# SAFETY DATA SHEET

## TOTALLY REPAIR TRPRT

Infosafe No.: LQ9LS  
ISSUED Date : 08/08/2019  
ISSUED by: WORX PLUS UNIT TRUST

### 1. IDENTIFICATION

**GHS Product Identifier**

TOTALLY REPAIR TRPRT

**Company Name**

WORX PLUS UNIT TRUST (ABN 19 445 818 014)

**Address**

5/176 Canterbury Rd Bayswater Nth  
VIC Australia

**Telephone/Fax Number**

Tel: 1300 897 873

**Emergency phone number**

131 126

**Recommended use of the chemical and restrictions on use**

Patching compound

**Disclaimer**

Although the information and recommendations set forth in this SDS are presented in good faith and are believed to be correct as of the date of this SDS, Worx Plus Unit Trust, makes no representations as to the completeness or accuracy thereof. Information is supplied on the conditions that the persons receiving and using it will make their own determination as to the suitability for their purpose prior to use. In no event will Worx Plus Unit Trust or any affiliate thereof be responsible for damages of any nature whatsoever resulting from the use or reliance on the information set forth in the SDS.

### 2. HAZARD IDENTIFICATION

**GHS classification of the substance/mixture**

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Flammable Liquids: Category 3

Eye Damage/Irritation: Category 2A

Skin Corrosion/Irritation: Category 2

STOT Repeated Exposure: Category 1

Toxic to Reproduction: Category 2

STOT Single Exposure: Category 3 (respiratory tract irritation)

Hazardous to the Aquatic Environment - Long-Term Hazard: Category 3

**Signal Word (s)**

DANGER

**Hazard Statement (s)**

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H361d Suspected of damaging the unborn child.  
H372 Causes damage to organs (hearing organs) through prolonged or repeated exposure.  
H412 Harmful to aquatic life with long lasting effects.

**Pictogram (s)**

Flame, Exclamation mark, Health hazard



**Precautionary statement – Prevention**

P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
P233 Keep container tightly closed.  
P240 Ground/bond container and receiving equipment.  
P241 Use explosion-proof electrical/ventilating/lighting/equipment.  
P242 Use only non-sparking tools.  
P243 Take precautionary measures against static discharge.  
P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P264 Wash contaminated skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P271 Use only outdoors or in a well-ventilated area.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary statement – Response**

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P362 Take off contaminated clothing and wash before reuse.  
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P308+P313 IF exposed or concerned: Get medical advice/attention.  
P312 Call a POISON CENTER or doctor/physician if you feel unwell.  
P370+P378 In case of fire: Use carbon dioxide, dry chemical or water spray for extinction.

**Precautionary statement – Storage**

P403+P235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up.

**Precautionary statement – Disposal**

P501 Dispose of contents/container to an approved waste disposal plant.

**Other Information**

This product contains Ototoxic substances. Combination with noise exposure, even at safe levels, could still cause auditory injuries and hearing loss.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

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#### Ingredients

Name	CAS	Proportion
Styrene	100-42-5	25-50 %
2-Propanol, 1,1'-[(4-methylphenyl)imino]bis-	38668-48-3	0-<1 %
Methanol	67-56-1	0-<1 %
Toluene	108-88-3	0-<0.3 %
Ingredient determined not to be hazardous	Not required	Balance

### 4. FIRST-AID MEASURES

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#### Inhalation

If inhaled, remove affected person from contaminated area. Apply artificial respiration if not breathing. Seek medical attention.

#### Ingestion

Do not induce vomiting. Wash out mouth thoroughly with water. Seek medical attention.

#### Skin

Remove all contaminated clothing immediately. Wash affected area thoroughly with soap and water. Wash contaminated clothing before reuse or discard. Seek medical attention.

#### Eye contact

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention.

#### First Aid Facilities

Eyewash, safety shower and normal washroom facilities.

#### Advice to Doctor

Treat symptomatically.

#### Other Information

For advice in an emergency, contact a Poisons Information Centre (Phone Australia 131 126) or a doctor at once.

### 5. FIRE-FIGHTING MEASURES

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#### Suitable Extinguishing Media

Carbon dioxide, dry chemical or foam.

#### Unsuitable Extinguishing Media

Do not use water jet.

#### Hazards from Combustion Products

Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including hydrogen cyanide (HCN), oxides of nitrogen, carbon monoxide and carbon dioxide.

#### Specific Hazards Arising From The Chemical

Flammable liquid and vapour. Vapour/air mixtures may ignite explosively. Flashback along the vapour trail may occur. Runoff to sewer may create fire or explosion hazard.

#### Hazchem Code

•2YE

#### Decomposition Temperature

Not available

#### Precautions in connection with Fire

Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. In case of fire the product may be violently or explosively reactive. Use water spray to disperse vapours. This product should be prevented from entering drains and watercourses.

## 6. ACCIDENTAL RELEASE MEASURES

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### Emergency Procedures

Wear appropriate personal protective equipment and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations.

If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

## 7. HANDLING AND STORAGE

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### Precautions for Safe Handling

Avoid contact with skin and eyes. Wear overalls, impervious gloves and safety glasses. Use in designated areas with local exhaust ventilation, away from sparks, flames and other ignition sources. Use approved flammable liquid storage containers in the work area. Prevent release of vapours and mists into workplace air. Keep containers tightly closed. Take precautionary measures against static discharges. Do not empty into drains. Ensure a high level of personal hygiene is maintained when using this product, that is, always wash hands before eating, drinking, smoking or using the toilet facilities.

Avoid exposure. Do not handle until all safety precautions have been read and understood. It is recommended that pregnant or breastfeeding women should not handle this product unless adequate exposure protection can be assured at all times. Female personnel planning pregnancy should be made aware of the potential risks.

### Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, strong acids, foodstuffs, and clothing. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. Ensure that storage conditions comply with applicable local and national regulations.

For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Occupational exposure limit values

No exposure standards have been established for this material. However, the available exposure limits for ingredients are listed below:

Styrene

TWA: 50 ppm, 213 mg/m<sup>3</sup>

STEL: 100 ppm, 426 mg/m<sup>3</sup>

Toluene

TWA: 50 ppm, 191 mg/m<sup>3</sup>

STEL: 150 ppm, 574 mg/m<sup>3</sup>

Methanol

TWA: 200 ppm, 262 mg/m<sup>3</sup>

STEL: 250 ppm, 328 mg/m<sup>3</sup>

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

Source: Safe Work Australia

### Biological Limit Values

Name: Styrene

Determinant: Mandelic acid plus phenylglyoxylic acid in urine

Value: 400 mg/g creatinine

Sampling time: end of shift.

Name: Styrene  
Determinant: Styrene in urine  
Value: 40 µg/L  
Sampling time: end of shift.

Name: Toluene  
Determinant: Toluene in blood  
Value: 0.02 mg/l  
Sampling time: Prior to last shift of workweek

Determinant: Toluene in urine  
Value: 0.03 mg/l  
Sampling time: End of shift  
Determinant: o-cresol in urine with hydrolysis  
Value: 0.3 mg/g creatinine  
Sampling time: End of shift  
Notation: B

Source: American Conference of Industrial Hygienists (ACGIH)

### **Appropriate Engineering Controls**

This substance is hazardous and should be used with a local exhaust ventilation system, drawing vapours away from workers' breathing zone. A flame-proof exhaust ventilation system is required. If the engineering controls are not sufficient to maintain concentrations of vapours/mists below the exposure standards, suitable respiratory protection must be worn. Refer to relevant regulations for further information concerning ventilation requirements. Refer to AS 1940 - The storage and handling of flammable and combustible liquids and AS/NZS 60079.10.1 Explosive atmospheres - Classification of areas - Explosive gas atmospheres, for further information concerning ventilation requirements.

### **Respiratory Protection**

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable organic vapor/mist filter should be used. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

### **Eye Protection**

Safety glasses with side shields, chemical goggles or full-face shield as appropriate should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform to relevant regulations. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 (series) - Eye Protectors for Industrial Applications.

### **Hand Protection**

Wear gloves of impervious material. (Permanent contact and Splash contact:: Butyl rubber, Butoject) (Not suitable: Fluorocarbon rubber (Viton), Nitrile rubber, Chloroprene rubber, Natural rubber, Leather gloves). Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

### **Body Protection**

Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Properties	Description	Properties	Description
Form	Liquid	Appearance	Yellow fluid
Colour	Yellow	Odour	Characteristic
Decomposition Temperature	Not available	Boiling Point	145 °C
Solubility in Water	Not miscible or difficult to mix.	Specific Gravity	Not available
pH	Not applicable	Vapour Pressure	6 hPa (20°C)
Vapour Density (Air=1)	Not available	Evaporation Rate	Not available
Odour Threshold	Not available	Viscosity	210 s (20 °C) (DIN 53211/4)
Partition Coefficient: n-octanol/water	Not available	Density	1.13 g/cm <sup>3</sup> (20°C)
Flash Point	32 °C	Flammability	Flammable liquid
Auto-Ignition Temperature	Ignition: 480 °C Product is not selfigniting.	Flammable Limits - Lower	1.2% (volume)
Flammable Limits - Upper	8.9% (volume)	Explosion Properties	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Melting/Freezing Point	Not available		

### Other Information

Organic solvents: 34.7 %

## 10. STABILITY AND REACTIVITY

### Chemical Stability

Stable under normal conditions of storage and handling.

### Reactivity and Stability

Reacts with incompatible materials.

### Conditions to Avoid

Heat, open flames and other sources of ignition.

### Incompatible materials

Reacts with peroxides and other radical forming substances, strong acids, strong alkali.

### Hazardous Decomposition Products

Thermal decomposition may result in the release of toxic and/or irritating fumes, smoke and gases including hydrogen cyanide (HCN), oxides of nitrogen, carbon monoxide and carbon dioxide.

### Possibility of hazardous reactions

Reacts with incompatible materials.

### Hazardous Polymerization

Exothermic polymerisation.

## 11. TOXICOLOGICAL INFORMATION

### Toxicology Information

Toxicity data for material given below.

### Acute Toxicity - Oral

ATE (Acute Toxicity Estimates)

LD50 (rat): <4,838 mg/kg

**Acute Toxicity - Inhalation**

ATE (Acute Toxicity Estimates)

LC50 (rat): 34.7 mg/l/4h

**Acute Toxicity - Dermal**

ATE (Acute Toxicity Estimates)

LD50 (rat): >5,876 mg/kg

**Ingestion**

Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

**Inhalation**

Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.

**Skin**

Causes skin irritation. Skin contact will cause redness, itching and swelling. Repeated exposure may cause skin dryness and cracking and may lead to dermatitis.

**Eye**

Causes serious eye irritation. On eye contact this product will cause tearing, stinging, blurred vision, and redness.

**Respiratory sensitisation**

Not expected to be a respiratory sensitiser.

**Skin Sensitisation**

Not expected to be a skin sensitiser.

**Germ cell mutagenicity**

Not considered to be a mutagenic hazard.

**Carcinogenicity**

Not considered to be a carcinogenic hazard.

Styrene is listed as a Group 2B: Possibly carcinogenic to humans according to International Agency for Research on Cancer (IARC).

Toluene is listed as a Group 3: Not classifiable as to its carcinogenicity to humans according to International Agency for Research on Cancer (IARC).

**Reproductive Toxicity**

Suspected of damaging the unborn child. Classified as a suspected human developmental toxicant.

**STOT-single exposure**

May cause respiratory irritation.

**STOT-repeated exposure**

Causes damage to hearing organs through prolonged or repeated exposure.

**Aspiration Hazard**

Not expected to be an aspiration hazard.

**Other Information**

This product contains Ototoxic substances. Combination with noise exposure, even at safe levels, could still cause auditory injuries and hearing loss. Long-term exposure to styrene may cause peripheral neuropathy, CNS depression, and damage to the liver and kidneys.

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## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Harmful to aquatic life with long lasting effects.

**Persistence and degradability**

Not available

**Mobility**

Not available

**Bioaccumulative Potential**

Not available

#### Other Adverse Effects

Not available

#### Environmental Protection

Do not allow product to enter drains, waterways or sewers.

#### Acute Toxicity - Fish

Styrene

LC50: >1-<10 mg/l/96h

LC50 (Pimephales promelas): 3.24-4.99 mg/l/96h

LC50 (Pimephales promelas): 6.75-14.5 mg/l/96h

LC50 (Poecilia reticulata): 58.75-95.32 mg/l/96h

#### Acute Toxicity - Algae

Styrene

EC50 (Pseudokirchneriella subcapitata): 0.15-3.2 mg/l/96h

IC50: 4.9 mg/l/72h (green algae)

IC50 (Selenastrum capricornutum): 1.4 mg/l

IC5 (Scenedesmus quadricauda): >200 mg/l/8d

EC50(Scenedesmus quadricauda): >200 mg/l/8d

EC50(green algae): >1-<10 mg/l/72h

EC10 (Pseudokirchneriella subcapitata): 0.28 mg/l ( (EPA OTS 797.1050)

EC50(green algae): 0.56 mg/l/48h

EC50 (Pseudokirchneriella subcapitata): 0.46-4.3 mg/l/72h

LC50(green algae):: 4.9 mg/l /72h

#### Acute Toxicity - Bacteria

Styrene

EC10 (Pseudomonas putida): 72 mg/l/16h

EC50(Pseudomonas putida): >72 mg/l/16h

#### Other Information

Styrene

NOEC (Daphnia magna): 1.01 mg/l/21d

## 13. DISPOSAL CONSIDERATIONS

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#### Disposal considerations

Dispose of waste according to applicable local and national regulations. Labels should not be removed from containers until they have been cleaned. Advise flammable nature. Empty containers may contain flammable residues. Do not cut, puncture or weld on or near containers. Contaminated containers must not be treated as household waste. Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate. Do not incinerate closed containers. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all applicable local and national regulations. Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected.

## 14. TRANSPORT INFORMATION

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#### Transport Information

This material is a Class 3 - Flammable Liquid according to The Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Class 3 - Flammable Liquids are incompatible in a placard load with any of the following:

- Class 1: Explosives

- Division 2.1: Flammable Gases.

(Division 2.1 and Class 3 are incompatible in transport if both are in tanks or other receptacles with a capacity individually exceeding 500 L)

- Division 2.3: Toxic Gases

- Division 4.2: Spontaneously Combustible Substances

- Division 5.1: Oxidising substances

- Division 5.2: Organic Peroxides

- Class 6: Toxic or Infectious Substances

(where the flammable liquid is nitromethane)



- Class 7: Radioactive materials unless specifically exempted

**Marine Transport (IMO/IMDG):**

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

UN-No: 3269

Proper Shipping Name: POLYESTER RESIN KIT

Class: 3

Packaging Group: III

EmS: F-E, S-D

Label: 3 (Flammable liquid)

Special provisions: 236, 340

**Air Transport (ICAO/IATA):**

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN-No: 3269

Proper Shipping Name: polyester resin kit

Class: 3

Packaging Group: III

Label: 3 (Flammable liquid)

Packaging Instructions (passenger & cargo): 370

Packaging Instructions (cargo): 370

Special provisions: A66, A163

**U.N. Number**

3269

**UN proper shipping name**

POLYESTER RESIN KIT

**Transport hazard class(es)**

3

**Packing Group**

III

**Hazchem Code**

•2YE

**IERG Number**

15

**IMDG Marine pollutant**

No

**Transport in Bulk**

Not available

**Special Precautions for User**

Not available

## 15. REGULATORY INFORMATION

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**Regulatory information**

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

**Poisons Schedule**

S5

## 16. OTHER INFORMATION

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### Date of preparation or last revision of SDS

SDS Created: August 2019

### References

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants.

Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of Classification and Labelling of Chemicals.

Code of Practice: Managing Noise and Preventing Hearing Loss at Work.

### Contact Person/Point

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## END OF SDS

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