



## SAFETY DATA SHEET

Safety Data Sheet conforms to Safe Work Australia and Work Health and Safety (WHS) Regulations

SDS: 0061839  
Date Prepared: 13-Oct-2018

Version: 2  
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### 1. IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

**Product Name:** TR-102 REGULAR MOULD RELEASE  
**Other means of identification:** None  
**Intended/Recommended Use:** Recommended for Industrial and/or Professional use only  
**Uses advised against:** No information available

#### Allnex Composites

A division of Allnex Resins Australia Pty. Ltd.  
49 - 61 Stephen Road, Botany, NSW 2019, Australia

**For Product and all Non-Emergency Information call** +61 (02) 9666 0331 (business hours only) or contact us at <http://www.allnex.com/contact>

**EMERGENCY TELEPHONE NUMBER (24 hours/day) - For emergency only involving spill, leak, fire, exposure or accident call:**

+61 1800 022 037 (Allnex Australia)  
See Section 16 for Emergency phone numbers for other regions.

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### 2. HAZARDS IDENTIFICATION

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.

Additional GHS classification or other information may be included in this section but has not been adopted by Work Health and Safety (WHS) Regulations.

#### GHS Classification

Flammable Solids Hazard Category 2  
Target Organ Systemic Toxicant (TOST) - Repeated Exposure Hazard Category 1  
Target Organ Systemic Toxicant (TOST) - Single Exposure Hazard Category 3  
Skin Corrosion / Irritation Hazard Category 2  
Serious Eye Damage / Eye Irritation Hazard Category 2B  
Aquatic Environment Acute Hazard Category 2  
Aquatic Environment Chronic Hazard Category 2

#### LABEL ELEMENTS

**Name of Pictogram(s)**

Flame  
Health hazard  
Exclamation mark  
Environment

**Signal Word**

DANGER

**Hazard Statements**

Flammable solid  
Causes damage to organs through prolonged or repeated exposure  
May cause drowsiness or dizziness  
Causes skin irritation  
Causes eye irritation  
Toxic to aquatic life  
Toxic to aquatic life with long lasting effects  
Repeated exposure may cause skin dryness or cracking.

**Precautionary Statements****Prevention**

Avoid release to the environment. Keep away from heat, sparks and open flame. - No smoking. Ground/Bond container and receiving equipment. Use explosion-proof electrical, ventilating, lighting and other equipment. Wear protective gloves and eye/face protection. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Do not eat, drink or smoke when using this product. Do not breathe dust.

**Response**

Collect spillage. IF ON SKIN: Wash with plenty of soap and water. Specific treatment - refer to supplemental first aid instructions. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor/physician if you feel unwell. Get medical attention/advice if you feel unwell.

**Storage**

Store in well-ventilated place. Keep container tightly closed. Store locked up.

**Disposal**

Dispose of contents/container in accordance with local and national regulations.

**OTHER HAZARDS**

Not applicable

**3. COMPOSITION AND INFORMATION ON INGREDIENTS**

**Substance, Mixture or Article?** Mixture

Component / CAS No.	%	GHS Classification
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Medium aliphatic naphtha 64742-88-7	70-80	Flam. Liq. 3 (H226) STOT RE 1 (H372) STOT Single 3 (H336) Skin Irrit. 2 (H315) Eye Irrit. 2B (H320) Asp. Tox. 1 (H304) Aquatic Acute 2 (H401) Aquatic Chronic 2 (H411)
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Other non-hazardous ingredients to 100%

Additional GHS classification or other information may be included in this section but has not been adopted by Work Health and Safety (WHS) Regulations.

See Section 16 for full text of H phrases.

## 4. FIRST-AID MEASURES

### Emergency telephone number

Poisons Information Centre, Australia: 13 11 26

### Symptoms and Signs of Poisoning:

Difficulty in breathing. Coughing and/ or wheezing. Dizziness.

### Eye Contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area.

### Skin Contact:

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

### Ingestion:

Immediate medical attention is required. ASPIRATION HAZARD IF SWALLOWED - CAN ENTER LUNGS AND CAUSE DAMAGE. Do NOT induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person.

### Inhalation:

Aspiration into lungs can produce severe lung damage. If breathing has stopped, give artificial respiration. Get medical attention immediately. Remove to fresh air. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If breathing is difficult, (trained personnel should) give oxygen. Get immediate medical advice/attention. Delayed pulmonary edema may occur.

### Notes To Physician:

Because of the danger of aspiration, emesis or gastric lavage should not be used unless the risk is justified by the presence of additional toxic substances.

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media:

dry chemical. Carbon dioxide. Water spray. Alcohol resistant foam.

### Unsuitable Extinguishing Media:

Caution: Use of water spray when fighting fire may be inefficient.

### Protective Equipment:

Move containers from fire area if it can be done without risk. Wear self contained breathing apparatus for fire fighting if necessary. In case of fire and/or explosion do not breathe fumes.

**Special Hazards:**

May be ignited by heat, sparks or flames. Some may burn rapidly with flare burning effect. Powders, dusts, shavings, borings, turnings or cuttings may explode or burn with explosive violence. Substance may be transported in a molten form. Flammable. Keep product and empty container away from heat and sources of ignition. Risk of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

**HAZCHEM Code:** 1Z

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## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Evacuate personnel to safe areas. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take action to prevent static discharge. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Ventilate the area.

**Methods For Containment:**

Stop leak if safe to do so. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Keep out of drains, sewers, ditches and waterways.

**Methods For Cleaning Up:**

Take action to prevent static discharge. Take up mechanically, placing in appropriate containers for disposal.

**Environmental Precautions:**

Avoid release to the environment.

**References to other sections:**

See Sections 7, 8 and 13 for additional information.

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## 7. HANDLING AND STORAGE

**Handling**

**Precautions:** Avoid release to the environment. Keep away from heat, sparks and open flame. - No smoking. Ground/Bond container and receiving equipment. Use explosion-proof electrical, ventilating, lighting and other equipment. Wear protective gloves and eye/face protection. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Do not eat, drink or smoke when using this product. Do not breathe dust.

**Special Handling Statements:** Use personal protection equipment. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take action to prevent static discharge. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practices. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation.

**Storage**

Keep container tightly closed and dry in a cool, well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labelled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store locked up. Keep out of reach of children. Store separately.

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**Australian AS 1940 Storage Classification:** Not applicable

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### CONTROL PARAMETERS - Limits

No values have been established.

### Biological Exposure Limit(s)

No values have been established.

### Engineering Measures:

Ensure adequate ventilation, especially in confined areas.

### Respiratory Protection:

Where exposures exceed the established exposure limit, use respiratory protection recommended for the material and level of exposure. Where exposures are below the established exposure limit, no respiratory protection is required. Where respiratory protection is required, use a respirator selected and in accordance with AS/NZS 1715 and AS/NZS 1716.

### Eye protection:

Tight sealing safety goggles. Face protection shield.

### Skin Protection:

Antistatic footwear. Wear fire/flammable resistant/retardant clothing. Gloves made of plastic or rubber. Wear suitable protective clothing. Wear chemical resistant clothing such as gloves, apron, boots or whole bodysuits made from neoprene, as appropriate.

### Hand protection:

Wear protective gloves. Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred. Replace gloves immediately when torn or any change in appearance (dimension, colour, flexibility etc) is noticed.

### Additional Advice:

When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wash hands before breaks and immediately after handling the product. Wash hands before breaks and after work.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

<b>Colour:</b>	cream to white blue yellow
<b>Appearance:</b>	solid
<b>Odor:</b>	characteristic
<b>Odor Threshold:</b>	See Section 8 for exposure limits.

<b>pH:</b>	Not available
<b>Melting Point:</b>	Not available
<b>Boiling Point:</b>	157 - 198.9 °C
<b>Flash point:</b>	40 °C
<b>Evaporation Rate:</b>	Not available
<b>Flammable Limits (% By Vol):</b>	Not available
<b>Vapor Pressure:</b>	Not available
<b>Vapour density:</b>	4.90
<b>Specific Gravity/Density:</b>	0.780 g/cm <sup>3</sup>
<b>Solubility In Water:</b>	Insoluble
<b>Partition coefficient (n-octanol/water):</b>	Not available
<b>Autoignition temperature:</b>	Not available
<b>Decomposition Temperature:</b>	Not available
<b>Viscosity (Kinematic):</b>	Not applicable
<b>Viscosity (Dynamic):</b>	No information available
<b>Explosive Properties:</b>	Not available
<b>Oxidizing Properties:</b>	Not available

#### OTHER INFORMATION

<b>Fat Solubility (Solvent-Oil):</b>	Not available
<b>Percent Volatile (% by wt.):</b>	70
<b>Solids Content:</b>	Not available
<b>Saturation In Air (% By Vol.):</b>	Not available
<b>Acid Number (mg KOH/g):</b>	Not available
<b>Hydroxyl Value (mg KOH/g):</b>	Not available
<b>Volatile Organic Content (1999/13/EC):</b>	Not available

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## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	No information available
<b>Stability:</b>	Stable.
<b>Conditions To Avoid:</b>	Heat, flames and sparks.
<b>Polymerization:</b>	Will not occur
<b>Conditions To Avoid:</b>	None known.
<b>Materials To Avoid:</b>	None known
<b>Hazardous Decomposition Products:</b>	None known

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## 11. TOXICOLOGICAL INFORMATION

**Likely Routes of Exposure:** Skin, Oral, Eyes, Respiratory System.

#### HEALTH HAZARD INFORMATION

**Acute toxicity - oral:** Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

**Acute toxicity - dermal:** Not Classified - Based on available data and/or professional judgment, the

classification criteria are not met.

**Acute toxicity - inhalation:** Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

**Skin corrosion / irritation:** Causes skin irritation

**Serious eye damage / eye irritation:** Causes eye irritation

**Respiratory sensitization:** Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

**Skin sensitization:** Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

**Carcinogenicity:** Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

**Germ cell mutagenicity:** Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

**Reproductive toxicity:** Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

**Specific target organ toxicity (single exposure):** May cause drowsiness or dizziness.

**Specific target organ toxicity (repeated exposure):** Causes damage to organs through prolonged or repeated exposure.

**Route of Exposure:** inhalation **Affected Organs:** Lung, Central nervous system

**Aspiration hazard:** Not Classified

## PRODUCT TOXICITY INFORMATION

### ACUTE TOXICITY DATA

oral	rat	Acute LD50	> 2000 mg/kg
dermal	rabbit	Acute LD50	> 2000 mg/kg
inhalation	rat	Acute LC50 4 hr	> 5 mg/l (Dust/Mist)

### LOCAL EFFECTS ON SKIN AND EYE

Acute Irritation	Skin	Irritating
Acute Irritation	eye	No data

### ALLERGIC SENSITIZATION

Sensitization	Skin	No data
Sensitization	respiratory	No data

### SUBACUTE/SUBCHRONIC TOXICITY

**Specific target organ toxicity (repeated exposure):** Causes damage to organs through prolonged or repeated exposure.

### GENOTOXICITY

#### Assays for Gene Mutations

Ames Salmonella Assay No data

### OTHER INFORMATION

The product toxicity information above has been estimated.

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## HAZARDOUS INGREDIENT TOXICITY DATA

Acute overexposure to petroleum distillate vapors may cause eye and throat irritation. Certain petroleum distillate fractions may produce moderate to severe skin irritation with direct contact. Prolonged repeated exposure to petroleum distillate vapor may cause central nervous system damage as well as heart and blood disorders. Thie oral LD50 in the rat for various distillates ranges from 4.5 to greater than 25 ml/kg and the inhalation LC50 in rats is about 15000 ppm (~100 mg/L). Aspiration of petroleum distillate may cause chemical pneumonitis. Overexposure to vapor may cause dizziness, drowsiness, headache and nausea.

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## 12. ECOLOGICAL INFORMATION

**Overall Environmental Toxicity:** Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

The ecological assessment for this material is based on an evaluation of its components.

### ECOTOXICITY

Not available

### BIOACCUMULATIVE POTENTIAL

Not available

### PERSISTENCE AND DEGRADABILITY

Not available

### MOBILITY IN SOIL

Not available

### OTHER ADVERSE EFFECTS

### HAZARD TO THE OZONE LAYER

Not available

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## HAZARDOUS INGREDIENT TOXICITY DATA

Component / CAS No.	Toxicity to Fish
Medium aliphatic naphtha (64742-88-7)	LC50 = 800 mg/L - Pimephales promelas (96h)

Component / CAS No.	Toxicity to Water Flea
Medium aliphatic naphtha (64742-88-7)	EC50 > 100 mg/L - Daphnia magna (48h)



Component / CAS No.	Toxicity to Algae
Medium aliphatic naphtha (64742-88-7)	EC50 = 450 mg/L - Pseudokirchneriella subcapitata (96h)

Component / CAS No.	Partition coefficient
Medium aliphatic naphtha (64742-88-7)	Not available

## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

The company encourages the recycle and reuse of products and packaging, where possible and permitted.

#### Product disposal

When recycle or reuse is not possible, the company recommends that our products, especially when classified as hazardous, be disposed of by thermal treatment or incineration at approved facilities. All local and national regulations should be followed.

#### Packaging disposal

Handle contaminated packages in the same way as the product itself. Disposal of emptied and cleaned packaging must be made in accordance with applicable local and national regulations.

#### Disposal-relevant information

Do not release directly or indirectly to surface water, ground water, soil or public sewage system.

## 14. TRANSPORT INFORMATION

This section provides basic shipping classification information. Refer to appropriate transportation regulations for specific requirements.

### Australia (ADG)

Dangerous Goods? X

PROPER SHIPPING NAME: SOLIDS or mixtures of solids (such as preparations and wastes) CONTAINING FLAMMABLE LIQUID, N.O.S. having a flash-point up to 60°C

Hazard Class: 4.1

UN Number: UN3175

Packing Group: II

Transport Label Required: Flammable solid

TECHNICAL NAME (N.O.S.): ALIPHATIC HYDROCARBON

HAZCHEM Code: 1Z

Comments: Environmentally Hazardous

### IMO

Dangerous Goods? X

UN PROPER SHIPPING NAME: SOLIDS or mixtures of solids (such as preparations and wastes) CONTAINING FLAMMABLE LIQUID, N.O.S. having a flash-point up to 60°C

Transport Hazard Class: 4.1

UN Number: UN3175

Packing Group: II

Transport Label Required: Flammable solid

Marine Pollutant

TECHNICAL NAME (N.O.S.): ALIPHATIC HYDROCARBON

## ICAO / IATA

Dangerous Goods? X

UN PROPER SHIPPING NAME: SOLIDS or mixtures of solids (such as preparations and wastes) CONTAINING FLAMMABLE LIQUID, N.O.S. having a flash-point up to 60°C

Transport Hazard Class: 4.1

Packing Group: II

UN Number: UN3175

Transport Label Required: Flammable solid

TECHNICAL NAME (N.O.S.): ALIPHATIC HYDROCARBON

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## 15. REGULATORY INFORMATION

**Safety, health and environmental regulations specific for the product in question**

**Ozone Depleting Substances (Regulation (EC) No 1005/2009):** Not applicable

**Persistent Organic Pollutants (Regulation (EC) No 850/2004):** Not applicable

**Poison Schedule Number:** Not scheduled

### Inventory Information

**Australia:** All components of this product are included in the Australian Inventory of Chemical Substances (AICS) or are not required to be listed on AICS.

**New Zealand:** This product is approved or exempt under the Hazardous Substances and New Organisms (HSNO) Act.

**United States (USA):** All components of this product are included on the TSCA Chemical Inventory or are not required to be listed on the TSCA Chemical Inventory.

**Canada:** All components of this product are included on the Domestic Substances List (DSL) or are not required to be listed on the DSL.

**China:** All components of this product are included on the Chinese inventory or are not required to be listed on the Chinese inventory.

**Korea:** All components of this product are included on the Korean (ECL) inventory or are not required to be listed on the Korean inventory.

**Taiwan:** All components of this product are included in the Taiwan chemical substance inventory or are not required to be listed on the Taiwan chemical substance inventory (TCSI).

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## 16. OTHER INFORMATION

**Reasons for Issue:** Revised Section 1

**Date Prepared:** 13-Oct-2018

**Date of last significant revision:** 13-Oct-2018

**References**

Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice  
Globally Harmonised System of classification and labelling of chemicals (GHS)  
Workplace Exposure Standards for Airborne Contaminants, Safe Work Australia  
American Conference of Industrial Hygienists (ACGIH)  
Australian Code for the Transport of Dangerous Goods by Road & Rail  
Regulation (EC) No 1005/2009 of the European Parliament and of the Council on substances that deplete the ozone layer  
Regulation (EC) No 850/2004 and amendments of the European Parliament and of the Council on persistent organic pollutants

**Component - Hazard Statements**

Medium aliphatic naphtha

- H226 - Flammable liquid and vapour.
- H304 - May be fatal if swallowed and enters airways.
- H315 - Causes skin irritation.
- H320 - Causes eye irritation.
- H336 - May cause drowsiness or dizziness.
- H372 - Causes damage to organs through prolonged or repeated exposure.
- H401 - Toxic to aquatic life.
- H411 - Toxic to aquatic life with long lasting effects.

**Emergency phone numbers for other regions****Asia Pacific**

China (PRC): +86(0)25 8547 7110 (Jiangsu registration center) / +86(0)532 8388 9090 (NRCC)

India: 000 800 100 7479 (toll free) or +65 3158 1198 (Carechem 24)

Indonesia: 007 803 011 0293 (Carechem 24)

Japan: +81 345 789 341 (Carechem 24)

Korea: +82 2 3479 8401 (Carechem 24)

Malaysia: +60 3 6207 4347 (Carechem 24)

New Zealand: +64 0800 803 002 (Allnex New Zealand)

Philippines: +63 2 231 2149 (Carechem 24)

Taiwan: +886 2 8793 3212 (Carechem 24)

Vietnam: +84 8 4458 2388 (Carechem 24)

All Others: +65 3158 1074 (Carechem 24)

**Europe**

+44 (0) 1235 239 670 (Carechem 24)

**Middle East, Africa**

+44 (0) 1235 239 671 (Carechem 24)

**Latin America**

Brazil: +55-800-707-7022 (toll free) or +55-11-98149-0850 (Suatrans 24)

Chile: +56 2 2582 9336 (Carechem 24)

Mexico and all others: +52-555-004-8763 (Carechem 24)

**Canada and USA**

+1-866-928-0789 (toll free) or +1-215-207-0061 (Carechem 24 - Allnex29003-NCEC)

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