
SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : AUTOTAR THREAD LOCKER Red High Strength 50ml

Product code : AT27150

Manufacture or supplier's details

Australian Importer : Cyclo Australia
Address : 2/19 Technology Circuit Hallam 3803
Email : sales@cycloaustralia.com
Phone Number : +61 3 9702 4314
Website : www.cycloaustralia.com.au
Poison Information : Ph 13 11 26

Recommended use of the chemical and restrictions on use

Recommended use : Adhesives and or Sealants

MSDS Number: : +2022004

MSDS Date: : 21/01/2023

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Acute toxicity : Category 4
Skin irritation : Category 2
Eye irritation : Category 1
Skin sensitisation : Category 1
Specific target organ toxicity : Category 3 (Respiratory system)
- single exposure
Specific target organ toxicity : Category 2 (Lungs)
- repeated exposure (Inhalation)
Hazardous to the aquatic environment -acute hazard : Category 3
Hazardous to the aquatic environment chronic hazard : Category 3

GHS label elements

Hazard pictograms

:



Signal word

:

Warning

Hazard statements

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H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

Precautionary statements

:

H373 May cause damage to organs (Lungs) through prolonged or repeated exposure if inhaled.

Prevention:

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
P264 Wash skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of water.
P304 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313 IF exposed or concerned: Get medical advice/ attention.
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.

Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.

Disposal:

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

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

| Chemical name | CAS-No. | Concentration (% w/w) |
|---|------------|-----------------------|
| 4,4-Isopropylidenediphenyl dimethacrylate | 3253-39-2 | >= 50 -< 65 |
| Hydroxypropyl Methacrylate | 27813-02-1 | >= 30-< 35 |
| 1,2 Benzisothiazol-3(2H)-one,1,1-dioxide | 81-07-2 | >= 3 -< 5 |
| Silane, dichlorodimethyl | 68611-44-9 | >= 5 -< 10 |
| Hydroperoxide dimethylbenzyl | 80-15-9 | >= 1 -< 3 |
| Propylene glycol | 57-77-6 | >= 3 -< 5 |

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

SECTION 4. FIRST AID MEASURES

- General advice : Move out of dangerous area.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.
- If inhaled : Move to fresh air.
If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.
- In case of skin contact : If on clothes, remove clothes.
Remove contaminated clothing. If irritation develops, get medical attention.
If on skin, rinse well with water.
Wash contaminated clothing before re-use.
If skin irritation persists, call a physician.
- In case of eye contact : Immediately flush eye(s) with plenty of water.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.
- If swallowed : Obtain medical attention.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.
- Most important symptoms and effects, both acute and delayed : None known.

SECTION 5. FIREFIGHTING MEASURES

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- Suitable extinguishing media : Water spray
Carbon dioxide (CO₂) or appropriate foam
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during fire-fighting : If product is heated above its flash point it will produce vapours sufficient to support combustion. Vapours are heavier than air and may travel along the ground and be ignited by heat, pilot lights, other flames and ignition sources at locations near the point of release.
Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : Carbon oxides
Nitrogen oxides (NO_x)
- Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Product is compatible with standard fire-fighting agents.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Avoid breathing dust.
Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.
- Environmental precautions : Prevent further leakage or spillage if safe to do so.
Prevent product from entering drains.
Do not flush into surface water or sanitary sewer system.
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : Provide sufficient air exchange and/or exhaust in work rooms.
Do not breathe vapours/dust.
Do not smoke.

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| | <p>Avoid contact with skin and eyes. Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Dispose of rinse water in accordance with local and national regulations. Container hazardous when empty. Smoking, eating and drinking should be prohibited in the application area. For personal protection see section 8.</p> |
| Hygiene measures | : Handle in accordance with good industrial hygiene and safety practice. When using do not smoke. When using do not eat or drink. |
| Conditions for safe storage | : Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. |
| Further information on storage stability | : No decomposition if stored and applied as directed. |

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures : Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

Personal protective equipment

Respiratory protection : In the case of vapour formation use a respirator with an approved filter.

Hand protection

Remarks : Wear resistant gloves (consult your safety equipment supplier). The suitability for a specific workplace should be discussed with the producers of the protective gloves. Discard gloves that show tears, pinholes, or signs of wear.

Eye protection : Wear chemical splash goggles when there is the potential for exposure of the eyes to liquid, vapor or mist.

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.
 Wear as appropriate:
 Impervious clothing
 Safety shoes



SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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|-----------------------------|--------------------------------|
| Appearance | : liquid |
| Colour | : red |
| Odour | : weak |
| Odour Threshold | : not determined |
| pH | : 6.0 (25°C 50.0g/L) |
| | : No data available |
| Boiling point/boiling range | : not determined |
| Flash point | : >945°C Method: closed cup |
| Evaporation rate | : not determined |
| Flammability (solid, gas) | : Not applicable |
| Self-ignition | : No data available |
| Relative vapour density | : not determined |
| Solubility(ies) | |
| Water solubility | : immiscible |
| Molecular weight | : Not applicable |

SECTION 10. STABILITY AND REACTIVITY

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|------------------------------------|--|
| Reactivity | : No decomposition if stored and applied as directed. |
| Chemical stability | : Stable under normal temperature & pressures. |
| Possibility of hazardous reactions | : Hazardous polymerisation does not occur. |
| Conditions to avoid | : No data available |
| Incompatible materials | : Strong oxidising agents, strong reducing agents, strong acids, strong bases, powdered metals and organic materials |
| Hazardous decomposition products | : Carbon oxides and Silicon Dioxide Nitrogen oxides (NO _x) |

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

1. 2-Benzisothiazol-3 (2H)-one 1, 1-dioxide Mouse Oral LD₅₀: 17 g/kg

a, a-Dimethylbenzyl hydroperoxide:

Rat Oral LD₅₀: 382 mg/kg; Rat Inhalation LC₅₀: 220 ppm/4H; Rat Dermal LD₅₀: 500 mg/kg.

Propylene glycol:

Rat Oral LD₅₀: 20 g/kg; Rabbit Dermal LD₅₀: 20800 mg/kg.

Skin corrosion/irritation:

Causes skin irritation.

Causes serious eye damage.

Respiratory or skin sensitisation:

May cause an allergic skin reaction.

Specific target organ toxicity single exposure:

May cause respiratory irritation.

Specific target organ toxicity -repeated exposure:

May cause damage to respiratory organs through prolonged or repeated exposure.

SECTION 12. ECOLOGICAL INFORMATION

Toxicity : Stable under normal temperature & pressures.
Persistence and degradability : No data available
Bioaccumulate : No data available.

SECTION 13. DISPOSAL INFORMATION

Appropriate Method of Disposal of Substance:

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with and afterburner and scrubber. Observe all federal, state, and local environmental regulations.

SECTION 14. TRANSPORT INFORMATION

SECTION 15 REGULATORY INFORMATION

Classifications according to Regulation (EC)No 1272/2008 and amendments:

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|---|--|
| Acute toxicity (inhalation) | : Category 4 |
| Skin irritation/ corrosion | : Category 2 |
| Serious eye damage /irritation | : Category 1 |
| Skin sensitisation | : Category 1 |
| Specific target organ toxicity - single exposure | : Category 3 (Respiratory tract irritation) |
| Specific target organ toxicity - repeated exposure (Inhalation) | : Category 2 (respiratory organ) |
| Hazardous to the aquatic environment chronic hazard | : Category 3 |

SECTION 16. OTHER INFORMATION

Date : 2023-01-21

Department Hangzhou Fenloc Bondtek Co., Ltd. Research and Development Department
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Revision : 0

Other Information The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.