

EVERGUARD TPO QUICK SPRAY ADHESIVE HOSE & GUN
CLEANER



Date of issue: 23.06.20

NZ Safety Data Sheet

| 1. Identification of the Substance/Mixture and Supplier. | | | |
|---|---|---|---------------|
| Product Name: | EVERGUARD TPO QUICK SPRAY ADHESIVE HOSE & GUN CLEANER | | |
| Uses: | Cleaning solvent | | |
| Supplier: | Nuralite Waterproofing Ltd 60D Leon Leicester Avenue Mt Wellington Auckland 1060 New Zealand. | | |
| Telephone: | +64 9 579 2046 | | |
| Web: | www.nuralite.co.nz | | |
| Emergency Telephone: | 027 5350899 (General Manager) – 24 hrs | | |
| National Poisons Centre Tel: | 0800 POISON (0800 764766) – 24 hrs | | |
| 2. Hazards Identification. | | | |
| Hazardous Status: Classified as hazardous according to the criteria of HSNO. | | | |
| DG Status: Classified as Dangerous Goods according to NZS5433 | | | |
| HAZARD CLASSIFICATIONS | | HAZARD STATEMENTS | GHS Pictogram |
| HSNO | GHS Equivalent | | |
| N/A | Compressed gases | H280 Contains gas under pressure; may explode if heated. | |
| 3.1B | Flammable liquids, Cat 2 | H225 Highly flammable liquid and vapour. | |
| 6.1E (aspiration) | Aspiration hazard, Cat 1 | H304 May be fatal if swallowed and enters airways. | |
| 6.3A | Skin corrosion/irritation, Cat 2 | H315 Causes skin irritation. | |
| 6.4A | Serious eye damage/irritation, Cat 2A | H319 Causes serious eye irritation. | |
| 6.8B | Reproductive toxicity, Cat 2 | H361 Suspected of damaging fertility or the unborn child. | |
| 6.9B (single exposure) | STOT-SE, Cat 3 | H336 May cause drowsiness or dizziness. | |
| 6.9B (repeat exposure) | STOT-RE, Cat 2 | H373 May cause damage to organs through prolonged or repeated exposure. | |
| Signal Word: | | DANGER | |
| PREVENTION STATEMENTS | | | |
| P102 | Keep out of reach of children. | | |
| P103 | Read label before use. | | |
| 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. | | |

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| P242 | Use only non-sparking tools. |
| P243 | Take precautionary measures against static discharge. |
| P260 | Do not breathe mist/vapours/spray. |
| P264 | Wash thoroughly after handling. |
| P271 | Use only outdoors or in a well-ventilated area |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |

RESPONSE STATEMENTS

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| P370 + P378 | In case of fire: Use foam, carbon dioxide or dry chemical powder for extinction. |
| P101 | If medical advice is needed, have product container or label at hand. |
| P308 + P313 | IF exposed or concerned: Get medical advice/attention. |
| P303 + P361 + P353 | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P302 + P352 | IF ON SKIN: Wash with plenty of soap and water. |
| P332 + P313 | If skin irritation occurs: Get medical advice/attention. |
| P362 | Take off contaminated clothing and wash before reuse. |
| P301 + P310 | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. |
| P331 | Do NOT induce vomiting. |
| 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. |
| P304 + P340 | IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. |
| P312 | Call a POISON CENTER or doctor/physician if you feel unwell. |

STORAGE STATEMENTS

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| P403 + P235 | Store in a well-ventilated place. Keep cool. |
| P233 | Keep container tightly closed. |
| P405 | Store locked up. |

DISPOSAL STATEMENTS

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| P501 | Do not let this product enter the environment. Do not dispose of in waterways or sewers. Dispose of this material and its container as hazardous waste, via a licensed facility. See local council for disposal/recycling information. |
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3. Composition/Information on Ingredients.

| Name | Product identifier | % |
|---|---------------------|---------|
| Distillates, petroleum, light distillate hydrotreating process, low-boiling | (CAS No) 68410-97-9 | 30 - 60 |
| Acetone | (CAS No) 67-64-1 | 15 - 40 |
| Toluene | (CAS No) 108-88-3 | 10 - 30 |
| Cyclohexane | (CAS No) 110-82-7 | 7 - 13 |
| Isopentane | (CAS No) 78-78-4 | 7 - 13 |
| Pentane | (CAS No) 109-66-0 | 7 - 13 |
| Hexane | (CAS No) 110-54-3 | 1 - 5 |
| Naphtha, petroleum, hydrotreated light | (CAS No) 64742-49-0 | 1 - 5 |
| Nitrogen | (CAS No) 7727-37-9 | <= 1 |

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| 4. First Aid Measures. | |
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| Swallowed | If swallowed do NOT induce vomiting. Give water to drink. Get medical attention if symptoms occur. |
| Inhaled | If inhaled, move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped. Obtain medical attention if symptoms occur. |
| Eye Contact | If splashed in the eyes, wash out immediately with water. Obtain medical attention if irritation occurs. |
| Skin Contact | If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Get medical attention if symptoms occur. |
| Further Information | If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person For advice contact the National Poisons Centre – 0800 POISON (0800 764 766) – or a doctor, immediately. |
| 5. Fire-Fighting Measures. | |
| Suitable extinguishing media | Foam. Dry powder. Carbon dioxide. |
| Unsuitable extinguishing media | Water. |
| Hazards from the substance | Fire hazard: Flammable liquid and vapor. Explosion hazard: Pressurized container: may burst if heated. |
| Special precautions for fire-fighters | Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment. Prevent human exposure to fire, fumes, smoke and products of combustion |
| Special protective equipment for fire fighters | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |
| 6. Accidental Release Measures. | |
| Personal precautions | Evacuate area. Keep upwind. Ventilate area. Spill should be handled by trained clean-up crews properly equipped with respiratory equipment and full chemical protective gear (see Section 8). Avoid vapor formation. Contact with walking surface may result in formation of slippery film/falling hazard. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking |
| Environmental precautions | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| Spill | Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk. Ventilate area. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Wear suitable protective clothing. Wear suitable respiratory protective equipment. |
| 7. Handling and Storage. | |
| Handling | Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Ground/bond container and receiving equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid prolonged and repeated contact with skin. |

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| Storage | Store in a well-ventilated place. Keep container tightly closed. Do not store with acids or oxidizers. Electrical service in storage area must be rated for flammable liquids. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. May explode on heating. Store in a dry place. Keep cool. |
|----------------|--|

8. Exposure Control/Personal Protection

Exposure Standards

| Product/Ingredient | WES/TWA | WES/STEL | Reference |
|--------------------|-------------------------------|--------------------------------|-----------|
| Toluene | 50ppm, 108mg/m ³ | - | NZ-WES |
| Acetone | 500ppm, 1185mg/m ³ | 1000ppm, 2375mg/m ³ | NZ-WES |
| Cyclohexane | 100ppm, 350mg/m ³ | 300ppm, 1050mg/m ³ | NZ-WES |
| Isopentane | 600 ppm | - | ACGIH |
| Pentane | 600ppm, 1770mg/m ³ | 750ppm, 2120mg/m ³ | NZ-WES |
| Hexane | 20ppm, 72mg/m ³ | | NZ-WES |

Engineering Controls

Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.

Personal Protection



Respiratory

Wear a NIOSH-approved (or equivalent) full-facepiece airline respirator in the positive pressure mode with emergency escape provisions. In case of inadequate ventilation or risk of inhalation of vapours, use suitable respiratory equipment with gas filter (type A2). Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection.

Eyes

Wear eye protection, including chemical splash goggles and a face shield when possibility exists for eye contact due to spraying liquid or airborne particles.

Hands

Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl.

Other

Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.

9. Physical and Chemical Properties

| PROPERTY | SPECIFICATION |
|------------------|---|
| Physical state | Liquid |
| Colour | Clear |
| Odour | Solvent |
| pH | No data |
| Boiling Pt | 56 °C |
| Melting Pt | -94.5 °C May start to solidify based on Toluene |
| Flash Pt | -14.7 °C Closed Cup |
| Explosive Limits | 2 - 13 vol % |
| Vapour pressure | 250 mm Hg at 20 °C (calculated) |
| Density | 0.75 |
| Water Solubility | Insoluble |

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| Viscosity | No data |
| Auto Ignition Temperature | 225 °C for lowest known component - Light Hydrotreated Distillate |
| Relative evaporation rate (butyl acetate=1) | 6.1 Weighted Average is 6.1 (Highest Component is 7.7 - Acetone) |
| Relative vapor density at 20 °C | 2.73 Air=1 (Weighted average) Highest component is 3.14 - Toluene |
| VOC content | 735 g/l |
| 10. Stability and Reactivity | |
| Stability | The product is stable |
| Possibility of hazardous reactions | Under normal conditions of storage and use, hazardous reactions will not occur. |
| Conditions to avoid | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| Incompatible materials | Strong acids. Strong bases. Oxidizing agent. Reducing agents. Copper. Copper alloys. |
| Hazardous decomposition products | Carbon oxides (CO, CO ₂). Various hydrocarbons. |
| 11. Toxicological Information | |
| Data sourced from manufacturer (GAF) Mixture rules applied. | |
| Classification: | Aspiration Hazard – 6.1E |
| Health Effects: | May be fatal if swallowed and enters airways. |
| Classification: | Skin Corrosion/Irritancy – 6.3A |
| Health Effects: | Causes skin irritation. |
| Classification: | Eye Corrosion/Irritancy – 6.4A |
| Health Effects: | Causes serious eye irritation. |
| Classification: | Reproductive/Development Toxicant – 6.8B |
| Health Effects: | Suspected of damaging fertility or the unborn child. |
| Classification: | STOT-SE, Cat 3 – 6.9B |
| Health Effects: | May cause drowsiness or dizziness. |
| Classification: | STOT-RE – 6.9B |
| Health Effects: | May cause damage to organs through prolonged or repeated exposure. |
| Acute Oral Toxicity | Not Classified |
| Acute Dermal Toxicity | Not Classified |
| Acute Inhalation Toxicity | Not Classified |
| Respiratory Sensitisation | Not Classified |
| Skin Sensitisation | Not Classified |
| Mutagenic | Not Classified |
| Carcinogenic | Not Classified |

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| Toxicity Data | |
| Product Acute Toxicity Estimate | |
| ORAL LD50 >5000 mg/kg, DERMAL LD50 >5000 mg/kg, INHALATION LC50 (vapours)>20 mg/L/4H | |
| 12. Ecological Information | |
| This product is not classified as Ecotoxic according to the criteria of HSNO. | |
| Data (GAF): Toxicity: Data not available Persistence & Degradability: The product is not biodegradable. Mobility: Data not available. Bioaccumulative Potential: Data not available | |
| 13. Disposal Considerations. | |
| Do not let this product enter the environment. Do not dispose of in waterways or sewers. Dispose of this material and its container as hazardous waste, via a licensed facility. See local council for disposal/recycling information. | |
| 14. Transportation Information. | |
| Regulated for transport | Keep separated from foodstuffs |
| UN Number: | 3501 |
| Proper Shipping Name: | CHEMICAL UNDER PRESSURE, FLAMMABLE, NOS (contains Acetone) |
| Class: | 2.1 |
| Hazchem: | 2YE |
| Marine Pollutant: | No |
|  | |
| 15. Regulatory Information. | |
| HSNO Classification: | 3.1B, 6.1E(asp), 6.3A, 6.4A, 6.8B, 6.9B |
| Group Standard: | HSR002662 Surface Coatings & Colorants - Flammable |
| HSNO CONTROLS | |
| SDS required when any quantity is present in a workplace. | |
| At least 2 x 4.5kg powder fire extinguishers required when >250L is present in a workplace. | |
| Emergency Response Plan and Secondary Containment required when >1000L is present in a workplace | |
| Flammable signage required when >250L is stored. | |
| (Class 3.1B) Hazardous Substances Location Compliance Certificate required for: | >100L (closed containers >5L) >250L (closed containers up to 5L) >50L (open containers) |
| (Class 3.1B) Hazardous Atmosphere Zone required for: | >100L (closed containers) >25L (decanting) >5L (open occasionally) >1L (open containers in continuous use) |
| Certified Handler | Not Required |
| Tracking | Not Required |

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| All ingredients are on the New Zealand Inventory of Chemicals (NZIoC), or exempt. |
| Any existing national regulations on the handling of dangerous substances should be observed. Controls for hazardous substances are based upon current knowledge. Where multiple chemicals are stored, controls will need to take into account aggregate quantities. Contact a WorkSafe approved Compliance Certifier for further information and guidance. |
| 16. Other Information. |
| HSNO = Hazardous Substances and New Organisms Act. NZ WES = New Zealand Work Exposure Standard TWA = Time Weighted Average STEL = Short Term Exposure Limit ACGIH = American Conference of Governmental Industrial Hygienists Date of SDS Preparation: 23 June 2020 |

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe products in terms of their safety requirements. The above details do not imply any guarantee concerning composition, properties or performance of the product.