

SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION: PRODUCT IDENTIFIER/CHEMICAL IDENTITY

- 1.1 PRODUCT IDENTIFIER:** SONAX Profiline Headlight Protection
- 1.2 PRODUCT CODE:** 02765410
- 1.3 RELEVANT IDENTIFIED USES OF THE MIXTURE AND USES ADVISED AGAINST:**
RELEVANT IDENTIFIED USES: Car Care Product. Long term sealant for plastic headlights.
RESTRICTIONS ON USE: None known.
- 1.4 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:**
SUPPLIER NAME (Australia): Mega Moto Pty Ltd
ADDRESS (Australia): 401 Coolart Road, Somerville, Victoria, 3912
TELEPHONE NUMBER (Australia): 1800 476 629; 0490 513 632
WEBSITE (Australia): www.sonax.com.au
- SUPPLIER NAME (New Zealand):** Mega Moto Ltd
ADDRESS (New Zealand): Level 2, 18 Broadway, Newmarket, Auckland 1023
TELEPHONE NUMBER (New Zealand): 0800 476 629
WEBSITE (New Zealand): www.sonax.co.nz
- E-MAIL:** info@sonax.com.au (Aust and NZ)
- 1.5 EMERGENCY TEL. NUMBER:** Australia: 0490 513 632; New Zealand: 0800 476 629;
Poisons Information Centre (Aust 131 126; NZ 0800 764 766)
- 1.6 HSNO DETAILS:**
HSNO APPROVAL NUMBER: Surface Coatings and Colourants (Flammable) Group Standard 2017.
HSNO GROUP TITLE: HSR002662.

SECTION 2 – HAZARD(S) IDENTIFICATION

2.1 CLASSIFICATION OF THE HAZARDOUS CHEMICAL:

GHS CLASSIFICATION HAZARD

- CLASS & CATEGORY:** Under the Model Work Health and Safety Regulations the product would be rated as hazardous:
Flammable Liquid - Category 3
Skin Corrosion/Irritation - Category 2
Eye Damage/Irritation - Category 1
Chronic Aquatic Toxicity - Category 4

2.2 LABEL ELEMENTS INCLUDING PRECAUTIONARY STATEMENTS:

SIGNAL WORD: Danger

PICTOGRAMS:



- HAZARD STATEMENTS:** H226 - Flammable liquid and vapour.
H315 - Causes skin irritation.
H318 - Causes serious eye damage.
H413 - May cause long lasting harmful effects to aquatic life.

PRECAUTIONARY STATEMENTS:

- PREVENTION:** P102 - Keep out of reach of children.
P103 - Read label before use.
P210 - Keep away from heat/sparks/open flames/hot surfaces - No smoking.
P233 - Keep container tightly closed.
P241 - Use explosion-proof electrical/ventilating/lighting equipment.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P264 - Wash hands thoroughly after handling.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

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SECTION 2 – HAZARD(S) IDENTIFICATION Continued

RESPONSE: P101 - If medical advice is needed, have product container or label at hand.
 P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 - Immediately call a POISON CENTRE or doctor/physician.
 P332+P313 - If skin irritation occurs: Get medical advice/attention.
 P362 - Take off contaminated clothing and wash before reuse.
 P370+P378 - In case of fire: Use carbon dioxide, alcohol resistant foam, dry chemical or water fog for extinction

STORAGE: P403+P235 - Store in a well-ventilated place. Keep cool.

DISPOSAL: P501 - Dispose of contents/container in accordance with local regulations.

2.3 OTHER HAZARDS: The product contains a hydrocarbon solvent and also hydrolyses under use conditions with the formation of methanol and butanol. Excessive exposure, in confined spaces, with little natural ventilation, may result in irritation to the respiratory system and may cause drowsiness or dizziness. People with pre-existing skin conditions, such as eczema or dermatitis, should take precautions so as not to exacerbate the condition. As for all chemical products, persons should not expose open wounds, cuts, abrasions or irritated skin to this material.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NUMBER	Concentration % W/W	GHS Classification*
Heptane, 2,2,4,6,6-pentamethyl- **	13475-82-6	25% - <50%	Flam Liq 3 - H226 Asp Haz 1 - H304 Chron Aq Tox 4 - H413
1-Butanol, titanium(4+) salt	5593-70-4	5% - <10%	Flam Liq 3 - H226 Skin Irrit 2 - H315 Eye Dam 1 - H318 STOT SE 3 - H335 STOT SE 3 - H336
1-Butanol, titanium(4+) salt, homopolymer ***	9022-96-2	5% - <10%	Flam Liq 3 - H226 Skin Irrit 2 - H315 Eye Dam 1 - H318 STOT SE 3 - H335 STOT SE 3 - H336
Butanol ****	71-36-3	<5%	Flam Liq 2 - H226 Acut Tox 4 - H302 Skin Irrit 2 - H315 Eye Dam 1 - H318 STOT SE 3 - H335 STOT SE 3 - H336
Methanol ****	67-56-1	<3%	Flam Liq 2 - H225 Acut Tox 3 - H301 Acut Tox 3 - H311 Acut Tox 3 - H331 STOT SE 1 - H370
Other non-hazardous ingredients	-	To 100%	Not Applic

Not Applic = Not Applicable. * Please see Section 15 of this SDS for the full text description of the Label Elements.
 **The component CAS No, 93685-81-5, is an alternative to CAS No 13475-82-6 according to the manufacturer.
 *** The component CAS No 162303-51-7, is an alternative to CAS No 9022-96-2 according to the manufacturer.
 **** Product hydrolyses under use conditions with the formation of methanol and butanol, therefore these are by-products of the reaction.

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SECTION 4 – FIRST AID MEASURES

4.1 DESCRIPTION OF NECESSARY FIRST AID MEASURES:

INGESTION: For advice, contact a Poisons Information Centre (Phone Australia 131 126; New Zealand 0800 764 766) or a doctor. Rinse mouth out and give a glass of water. Never give fluid to a person exhibiting decreased awareness. Do NOT induce vomiting except under medical supervision. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. As the product has a relatively low viscosity (~29cSt @ 40°C), if ingested and irritation develops or persists or vomiting has occurred after ingestion, seek immediate medical assistance.

EYE: If in eyes, hold eyelids apart and flush the eye immediately with large amounts of running water. Continue flushing for at least 15 minutes or until advised to stop by a Doctor. Check for contact lenses. If there are contact lenses, these should be removed after several minutes of rinsing by the exposed person or medical personnel if it can be done easily. As the product is rated as Causes severe eye damage, after flushing, immediately call a Poisons Information Centre (Tel. Australia 13 11 26; New Zealand 0800 764 766) or doctor/physician.

SKIN CONTACT: If skin or hair contact has occurred remove any contaminated clothing and footwear, wash skin or hair thoroughly with soap and water. As the product is rated as causes skin irritation, after flushing, if irritation persists or rash occurs, seek medical assistance.

INHALATION: If affected, remove the patient from further exposure into fresh air, if safe to do so. If providing assistance, avoid exposure to yourself - only enter contaminated environments with adequate respiratory equipment. Once removed, lay patient down in a well-ventilated area and reassure them whilst waiting for medical assistance. If not breathing, provide artificial respiration and seek immediate medical assistance. If unconscious, place in a recovery position and seek immediate medical assistance. If irritation develops/persists, consult a Doctor.

PROTECTION FOR FIRST AIDERS:

No personnel shall place themselves in a situation that is potentially hazardous to themselves. Assess the scenario for PPE requirements before entering. Assess environment for flammable vapours before entering. Never enter an environment with a flammable atmosphere. Do not enter contaminated area without a respirator or Self Contained Breathing Apparatus once you have assessed the atmosphere. Due to the blend of ingredients, if the person has ingested the product, do not use direct mouth-to-mouth resuscitation techniques. Always ensure that you are wearing gloves when dealing with first aid procedures involving chemicals and/or blood.

FIRST AID FACILITIES: Eye wash fountain and safety showers are recommended in the area where the product is used. As a minimum, a source of running, potable water must be available.

4.2 MOST IMPORTANT SYMPTOMS & EFFECTS, BOTH ACUTE & DELAYED, CAUSED BY EXPOSURE:

ACUTE: The product is rated as causes serious eye damage. Eye contact may lead to severe burns, redness, pain, swelling, tearing and blurred vision, as well as permanent eye damage in a worst case scenario. The product is rated as Causes skin irritation. Skin contact may lead to redness or itching. The product on use, produces methanol and butanol vapours. Vapours may cause drowsiness or dizziness. Inhalation of high vapour concentrations, especially in confined spaces, with little natural ventilation, may cause central nervous system depression resulting in dizziness, headache, nausea and possible loss of coordination. Symptoms may include a burning sensation in the nose and throat, coughing or difficulty breathing. Ingestion may lead to irritation of the mouth and respiratory tract. Ingestion may lead to nausea and diarrhoea.

CHRONIC: Repeated or prolonged skin contact may also aggravate/exacerbate existing skin conditions, such as dermatitis.

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SECTION 4 – FIRST AID MEASURES Continued

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NECESSARY:
ADVICE TO DOCTOR: Treat symptomatically. As the product has a relatively low viscosity (~29cSt @ 40°C), if vomiting has occurred after ingestion, the patient should be monitored for adverse effects to ensure that the product has not aspirated into the lungs.

SECTION 5 – FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA:

SUITABLE MEDIA: Use extinguishing media appropriate for surrounding fire. Use carbon dioxide, alcohol resistant foam, dry chemical or water fog. Spray down fumes resulting from fire.

UNSUITABLE MEDIA: Avoid using full water jet directed at residual material that may be burning.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

COMBUSTION HAZARDS: Combustion may produce oxides of carbon, silicone and titanium, as well as smoke and irritating vapours.

5.3 ADVICE FOR FIREFIGHTERS:

FIRE: This product is a flammable liquid with a typical flash point of 40°C. The vapour is heavier than air and will spread along the ground and may accumulate in low points or depressions. Therefore, ignition may occur well away from the point of release of the material. Keep storage tanks, pipelines, fire exposed surfaces, etc. cool with water spray.

HAZCHEM CODE: *3Y

EXPLOSION: No information to indicate that the product is an explosion hazard; though the solvent component, or the hydrolysis by-products of methanol and butanol, may form an explosive mixture with air. NOTE: Under the WHS legislation, this product is rated as Flammable Liquid - Category 3, with a typical Flash Point of 40°C. Extinguish all sources of flame or spark. Closed containers may explode when exposed to extreme heat.

PROTECTIVE EQUIPMENT:

In the event of a fire, wear full protective clothing and self-contained breathing equipment with full-face piece operated in the pressure demand or other positive pressure mode.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

PERSONAL PROTECTION: For small spills, wear Nitrile gloves, glasses/goggles, boots and full-length clothing. During routine operation, for a small spill in the open, a respirator is not required. However, if mists or vapours are generated, an approved organic vapour/particulate respirator is required. For large spills, or in confined spaces, a full chemically resistant body-suit is recommended and the atmosphere must be evaluated for oxygen deficiency and whether the atmosphere is flammable. If in doubt about potential oxygen deficiency, wear self-contained breathing apparatus. Never enter an environment with a flammable atmosphere.

CONTROL MEASURES: Ventilate area and extinguish and/or remove all sources of ignition. CAUTION: Vapour may form an explosive mixture with air. Never enter a spill area unless you know the vapours have dissipated to make the area safe. Stop the leak if safe to do so. CAUTION: The spilled product will be slippery. Avoid contact with the spilled material.

EMERGENCY PROCEDURES: In the event of a spill or accidental release, notify the relevant authorities in accordance with all applicable regulations.

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SECTION 6 – ACCIDENTAL RELEASE MEASURES Continued

6.2 ENVIRONMENTAL PRECAUTIONS:

SPILL ADVICE: Do not allow product to enter drains, surface water, sewers or watercourses - inform local authorities if this occurs. Take precautions against static discharge. Ensure all equipment is grounded and use non-sparking tools during clean up operations.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

CONTAINMENT: Personnel must wear the appropriate clothing as required in Section 6.1 during containment procedures; after the environment has been evaluated. Contain the spill and absorb with a proprietary absorbent material, sand or earth. Caution: The spilled product will be slippery. Be careful of static discharges and/or sparking during clean up. For large spills prepare a bund/barrier/dyke ahead of the spill to confine the spill and allow later recovery. If there is the possibility of spills to enter drains, surface water, sewers or watercourses ensure bunding, or that drains are covered, to minimise the potential for this to occur.

CLEANING PROCEDURES: Having contained the spill, as mentioned above, collect all material quickly and place used absorbent in suitable containers. Be careful of static discharges and/or sparking during clean up. Use only non-sparking tools during cleaning operations. CAUTION: The spilled product will be slippery. Follow local regulations for the disposal of waste. For large spills that have been banded, the material can be pumped, using flammable liquid equipment, into vessels and returned for reprocessing or destruction. Personnel must wear the appropriate clothing as required in Section 6.1 during cleaning procedures; after the environment has been evaluated. Wash contaminated area and objects with detergent and water after spill has been cleared. Rinse the cleaned area with water. Do not allow wash water or rinsings to enter drains, surface water, sewers or water courses.

SECTION 7 – HANDLING AND STORAGE, INCLUDING HOW THE CHEMICAL MAY BE SAFELY USED

7.1 PRECAUTIONS FOR SAFE HANDLING:

SAFE HANDLING: Avoid contact with the product by using appropriate protective equipment such as gloves, glasses or goggles and full-length clothing. Extinguish any potential sources of ignition before using, as flammable vapours will be generated during application. Do not leave containers in direct sunlight. Due to the possibility of pressure build up in the container, open the container with care. Avoid breathing mists or vapours. Do not smoke when handling the material. Prevent small spills and leakage to avoid slip hazards. Properly dispose of any contaminated rags or cleaning materials in order to prevent fire hazards. Eating, drinking, and smoking should be prohibited in the area where this material is handled, stored and processed. Workers should follow good personal hygiene practices, such as washing hands before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Keep containers tightly closed when not in use. Please note that flammable mixtures may be formed when residual material remains in empty containers. Prevent product from entering waterways, drains or sewers.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

SAFE STORAGE: Classified as a Flammable Liquid Category 3 (Flash Point = 40°C). Store in a dry, well ventilated area away from direct sunlight, ignition sources, oxidising agents, foodstuffs and clothing. Keep containers closed when not in use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Store only in original containers. It is recommended that the product is stored below 20°C.

INCOMPATIBILITIES: Avoid oxidising agents, including strong acids and strong alkaline materials.

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SECTION 8 – EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1 EXPOSURE CONTROL MEASURES:

EXPOSURE LIMIT VALUES: Exposure standards for the product have not been established. The following values are applicable for the individual components that are released:

Methanol:

TWA: 200 ppm 262 mg/m³ STEL: 250 ppm 328 mg/m³

Butanol:

TWA: 50 ppm 152 mg/m³ (Peak Limitations)

8.2 BIOLOGICAL MONITORING:

No data available.

8.3 CONTROL BANDING: No data available.

8.4 ENGINEERING CONTROLS:

ENGINEERING CONTROLS: Special ventilation is not normally required when using this product in normal use scenarios with good general ventilation. In the operation of certain equipment, at elevated temperatures, or in confined spaces mists or vapour may be generated and local exhaust ventilation should be provided to maintain airborne concentration levels below the nominated exposure standard and at an acceptable level that does not cause irritation. PLEASE NOTE: Due to the flammable nature of the product, if using ventilation equipment it should not be a potential source of ignition for any vapours generated.

8.5 INDIVIDUAL PROTECTION MEASURES:

EYE & FACE PROTECTION: Wear safety glasses/goggles to avoid eye contact when handling. If there is a risk of splashing during use, a full face shield is recommended. Use eye protection in accordance with AS 1336 and AS 1337.

SKIN (HAND) PROTECTION: If there is the chance of contact with the material wear gloves to provide hand protection. Nitrile gloves are recommended.

SKIN (CLOTHING) PROTECTION:

During normal operating procedures, long sleeved clothing is recommended to avoid skin contact. Soiled clothing should be washed with detergent prior to re-use.

RESPIRATORY PROTECTION: During routine operation a respirator is not required. However, if mists or vapours are generated, an approved half face organic vapour/particulate respirator is required. Use respirators in accordance with AS 1715 & AS 1716.

THERMAL PROTECTION: Not applicable.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1 PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE: Colourless fluid.

ODOUR: Alcohol-like.

ODOUR THRESHOLD: No data available.

pH (@ 20°C): Not applicable.

MELTING/FREEZING POINT: No data available.

INITIAL BOILING POINT: Typically >35°C.

BOILING RANGE (°C): No data available.

FLASHPOINT (°C): Typically 40°C.

EVAPORATION RATE: No data available.

FLAMMABILITY LIMITS (%): No data available.

VAPOUR PRESSURE (kPa): No data available.

VAPOUR DENSITY: No data available.

DENSITY (g/mL @ 20°C): Typically 0.90-0.92.

SOLUBILITY IN WATER(g/L): Not miscible.

PARTITION COEFFICIENT: No data available for n-octanol/water.

AUTO-IGNITION TEMP (°C): Product is not self-igniting.

DECOMPOSITION TEMP (°C): No data available.

KINEMATIC VISCOSITY(40°C): ~29 mm²/s

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SECTION 10 – STABILITY AND REACTIVITY

- 10.1 REACTIVITY:** The product does not pose any further reactivity hazards other than those listed in the following sub-sections.
- 10.2 CHEMICAL STABILITY:** Stable under recommended storage and handling conditions (see section 7).
- 10.3 POSSIBILITY OF HAZARDOUS REACTIONS:** Keep away from strong oxidising agents, such as strong acids and strong alkaline materials. Hazardous polymerisation does not occur.
- 10.4 CONDITIONS TO AVOID:** The product has a relatively low flash point of 40°C. Avoid ignition sources including heat and sparks. Observe the usual precautionary measures for handling chemicals. Do not heat the container, leave it in direct sunlight or leave the container open when not in use.
- 10.5 INCOMPATIBLE MATERIALS:** Avoid oxidising agents, including strong acids and strong alkaline materials.
- 10.6 HAZARDOUS DECOMPOSITION PRODUCTS:** Hazardous decomposition products are not expected to form during normal storage requirements. See Section 5.2 for Hazardous Combustion products.

SECTION 11 – TOXICOLOGICAL INFORMATION

- 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:**
The product is a mixture and test data is not available for the product as a whole.
- 11.2 SWALLOWED:** This product is expected to have a low order of toxicity associated with it when ingested. It may cause irritation to the mouth, throat and digestive tract. Methanol and Butanol are by-products of usage. They are rated as Toxic and harmful if swallowed respectively, however these are present at amounts below the Concentration cut-off levels. During normal usage ingestion should not be a means of exposure.
- 11.3 SKIN CORROSION/ IRRITATION:** This product is rated by calculation as Causes skin irritation. Symptoms may include redness or itching. Prolonged or repeated contact may cause defatting of the skin which may lead to dermatitis. Correct handling procedures incorporating appropriate protective clothing and gloves should minimise the risk of skin irritation. People with pre-existing skin conditions, such as dermatitis, should take extreme care so as not to exacerbate the condition.
- 11.4 SERIOUS EYE DAMAGE/ IRRITATION:** The product is rated by calculation as Causes serious eye damage. Eye contact may lead to severe burns, redness, pain, swelling, tearing and blurred vision, as well as permanent eye damage in a worst case scenario. Correct handling procedures incorporating appropriate eye protection should minimise the risk of eye irritation.
- 11.5 RESPIRATORY OR SKIN SENSITISATION:** This product is not expected to be a skin sensitizer based on the available data and the known hazards of the components. This product is not expected to be a respiratory tract sensitizer, based on the available data and the known hazards of the components.
- 11.6 GERM CELL MUTAGENICITY:** This product is not expected to be mutagenic based on the available data and the known hazards of the components.
- 11.7 CARCINOGENICITY:** This product is not expected to be a carcinogen, based on the available data and the known hazards of the components.
- 11.8 REPRODUCTIVE TOXICITY:** This product is not expected to be a reproductive hazard based on the available data and the known hazards of the components.

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SECTION 11 – TOXICOLOGICAL INFORMATION Continued

11.9 SPECIFIC TARGET ORGAN TOXICITY (STOT) -

SINGLE EXPOSURE:

This product is not expected to cause organ damage from a single exposure, based on the available data and the known hazards of the components. This product is not expected to pose an irritation hazard at ambient temperature or under normal handling conditions. Not classified as a respiratory irritant, however inhalation of vapours or mist (generated at elevated temperatures, by mechanical action or as by-products) may cause irritation to the nose, throat and respiratory system. The product produces or contains components rated as May cause respiratory irritation, May cause drowsiness or dizziness, Toxic if inhaled and Causes damage to organs, however these are present at amounts below the Concentration cut-off levels. Caution should be exercised due to potential high vapour concentrations when working in confined spaces.

11.10 SPECIFIC TARGET ORGAN TOXICITY (STOT) -

REPEATED EXPOSURE:

There is no data available for the product as a whole. This product is not expected to cause organ damage from prolonged or repeated exposure, based on the available data and the known hazards of the components as stated by the manufacturer.

11.11 ASPIRATION HAZARD: This product is not expected to be an aspiration hazard, based on the available data and the known hazards of the components. As the product has a relatively low viscosity (~29cSt @ 40°C), if vomiting has occurred after ingestion, the patient should be monitored for adverse effects to ensure that the product has not aspirated into the lungs.

11.12 OTHER INFORMATION: No other information is available.

SECTION 12 – ECOLOGICAL INFORMATION

12.1 ECOTOXICITY:

There is no data available for the product as a whole. However, some of the components have been rated as May cause long lasting harmful effects to aquatic life. Based upon the calculated values the product is expected to be rated as May cause long lasting harmful effects to aquatic life.

12.2 PERSISTENCE & DEGRADABILITY:

There is no data available for the product as a whole.

12.3 BIOACCUMULATIVE POTENTIAL:

There is no data available for the product as a whole.

12.4 MOBILITY IN SOIL:

There is no data available for the product as a whole.

12.5 OTHER ADVERSE EFFECTS:

Do not allow product to enter drains, surface water, sewers or watercourses - inform local authorities if this occurs. The product is not miscible with water.

SECTION 13 – DISPOSAL CONSIDERATIONS

13.1 DISPOSAL METHODS: PRODUCT:

The product should not be released to the environment, so any unused material should be recycled wherever possible or be disposed of as waste at an appropriate collection depot. Spilled product that cannot be recovered should be shovelled into a suitable waste container, such as a plastic drum and then be treated as a solid waste. Follow Government regulations for disposal of such waste. All unused, waste or spilled product must be taken for recycling or disposal by suitably licensed contractors in accordance with Government regulations. Note: Waste product must be handled as a flammable liquid.

CONTAINERS:

Empty containers may contain residual product. Caution: Residues are flammable and will ignite with a source of ignition. Containers should be completely drained in a well ventilated area where vapours cannot accumulate and then stored until reconditioned or disposed of. Empty containers should be taken for recycling or disposal through suitably licensed contractors in accordance with Government regulations.

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SECTION 14 – TRANSPORT INFORMATION

This product is regulated for land, sea or air transportation.

PLEASE NOTE: A Limited Quantities package size of <5L applies to this product.

14.1 LAND (ADG Code):

UN NUMBER: 1993

UN PROPER SHIPPING

NAME: FLAMMABLE LIQUID, N.O.S. (Contains 2,2,4,6,6-pentamethylheptane, 1-Butanol, titanium(4+) salt and 1-Butanol, titanium(4+) salt, homopolymer)

TRANSPORT HAZARD

CLASS(ES): 3

PACKAGING GROUP: III

ENVIRONMENTAL

HAZARDS: Yes

SPECIAL PRECAUTIONS

FOR USER: 223, 274

HAZCHEM CODE: *3Y

14.2 SEA (IMDG):

UN NUMBER: 1993

UN PROPER SHIPPING

NAME: FLAMMABLE LIQUID, N.O.S. (Contains 2,2,4,6,6-pentamethylheptane, 1-Butanol, titanium(4+) salt and 1-Butanol, titanium(4+) salt, homopolymer)

TRANSPORT HAZARD

CLASS(ES): 3

PACKAGING GROUP: III

ENVIRONMENTAL

HAZARDS: Yes

SPECIAL PRECAUTIONS

FOR USER: 223, 274

14.3 AIR (IATA):

UN NUMBER: 1993

UN PROPER SHIPPING

NAME: FLAMMABLE LIQUID, N.O.S. (Contains 2,2,4,6,6-Pentamethylheptane, 1-Butanol, titanium(4+) salt and 1-Butanol, titanium(4+) salt, homopolymer)

TRANSPORT HAZARD

CLASS(ES): 3

PACKAGING GROUP: III

ENVIRONMENTAL

HAZARDS: Yes

SPECIAL PRECAUTIONS

FOR USER: A3

SECTION 15 – REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS:

APPLICABLE REGULATIONS:

SUSMP: Not scheduled.

AICS: All ingredients are on the AICS List or have an Exemption.

MONTREAL PROTOCOL: Not applicable to this product.

STOCKHOLM CONVENTION: Not applicable to this product.

ROTTERDAM CONVENTION: Not applicable to this product.

BASEL CONVENTION: Not applicable to this product.

INTERNATIONAL CONVENTION FOR THE PREVENTION OF POLLUTION FROM SHIPS (MARPOL): Not determined.

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SECTION 15 – REGULATORY INFORMATION Continued

OTHER REGULATORY INFORMATION:

GHS CLASSIFICATION HAZARD CLASS & CATEGORY

AND HAZARD STATEMENT: Flammable Liquids Category 2; H225 - Highly flammable liquid and vapour.
Flammable Liquids Category 3; H226 - Flammable liquid and vapour.
Acute Toxicity - Oral Category 3; H301 - Toxic if swallowed.
Acute Toxicity - Oral Category 4; H302 - Harmful if swallowed.
Aspiration Hazard Category 1; H304 - May be fatal if swallowed and enters airway.
Acute Toxicity - Dermal Category 3; H311 - Toxic in contact with skin.
Skin Corrosion/Irritation Category 2; H315 - Causes skin irritation.
Serious Eye Damage/Irritation Category 1; H318 - Causes serious eye damage.
Acute Toxicity - Inhalation Category 3; H331 - Toxic if inhaled.
Specific Target Organ Toxicity (Single Exposure) Category 3; H335 - May cause respiratory irritation.
Specific Target Organ Toxicity (Single Exposure) Category 3; H336 - May cause drowsiness or dizziness.
Specific Target Organ Toxicity (Single Exposure) Category 1; H370 - Causes damage to organs.
Chronic Aquatic Toxicity Category 4; H413 - May cause long lasting harmful effects to aquatic life.

HSNO APPROVAL NUMBER: Surface Coatings and Colourants (Flammable) Group Standard 2017.
HSNO GROUP TITLE: HSR002662.

SECTION 16 – ANY OTHER RELEVANT INFORMATION

SDS INFORMATION:

Date of SDS Preparation: 10th December 2019

Revision: 0.0

REVISION CHANGES: Initial preparation of SDS.

ACRONYMS:

SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
CAS Number	Chemical Abstracts Service Registry Number
EINECS	European Inventory of Existing Commercial Chemical Substances
UN Number	United Nations Number
OSHA	Occupational Safety and Health Administration
ACGIH	American Conference of Governmental Industrial Hygienists
HSE-WEL	Health and Safety Executive - Workplace Exposure Limit
EH40	EH40/2005 Workplace Exposure Limits
IMDG	International Maritime Dangerous Goods
IATA	International Air Transport Association
IUCLID	International Uniform Chemical Information Database
RTECS	Registry of Toxic Effects of Chemical Substances
%W/W	Percent weight for weight
OECD	Organisation for Economic Co-Operation and Development
ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail
HAZCHEM Code	Emergency action code of numbers and letters which gives information to emergency services
NOHSC	National Occupational Health and Safety Commission
NICNAS	National Industrial Chemicals Notification & Assessment Scheme
IMAP	Inventory Multi-Tiered Assessment and Prioritisation
AICS	Australian Inventory of Chemical Substances
TWA	Time-Weighted Average
STEL	Short Term Exposure Limit
HSNO	Hazardous Substances and New Organisms Act 1996
GHS	Globally Harmonised System of Classification and Labelling of Chemicals
WHS	Work Health and Safety
PPE	Personal Protective Equipment

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SECTION 16 – ANY OTHER RELEVANT INFORMATION Continued

ACRONYMS (Continued):

LD ₅₀	Median Lethal Dose
LC ₅₀	Median Lethal Concentration
EC ₅₀	Effective Concentration of a substance that causes 50% of the maximum response after exposure for a nominated time
NOAEL	No Observed Adverse Effect Level
NOEC	No Observed Effect Concentration
ECHA	European Chemicals Agency
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
HCIS	Hazardous Chemical Information System

LITERATURE REFERENCES AND SOURCES OF DATA:

OECD Guidelines for Testing of Chemicals
Annex I: OECD Test Guidelines for Studies Included in SIDS
Manual for the Assessment of Chemicals Chapter 2 Data Gathering
International Toxicity Testing Guidelines
Hazardous Chemical Information System (HCIS) - Guidance Material for Hazard Classifications
Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
Model Work Health and Safety Regulations.
Model Work Health and Safety Regulations - Transitional Principles
Workplace Exposure Standards for Airborne Contaminants
Australian Dangerous Goods Code 7th Edition
Approved Criteria for Classifying Hazardous Substances [NOHSC:1008 (2004)]
Guidance on the Classification of Hazardous Chemicals under the WHS Regulations
Assigning a Hazardous Substance to a Group Standard
User Guide to the HSNO Thresholds and Classifications
Summary User Guide to the HSNO Thresholds and Classifications of Hazardous Substances
Correlation between GHS and New Zealand HSNO Hazard Classes and Categories
HSNO Control Regulations
Record of Group Standard Assignment
Labelling of Hazardous Substances Hazard and Precautionary Information
Thresholds and Classifications Under the Hazardous Substances and New Organisms Act 1996
Workplace Exposure Standards and Biological Exposure Indices
NICNAS IMAP Human Health Tier II Assessment for Methanol, CAS Number: 67-56-1.

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