



MICROSEAL

Safety Data Sheet

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SECTION 1: Identification: Product identifier and chemical identity

Product name : MICROSEAL
Product code : CMP0001

Recommended use of the chemical and restriction on use

Identified uses : Carpet and Fabric Protection
Use advised against : None identified

Company Identification

MicroSeal Australia Pty Ltd
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Ph: 1800 189907
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Emergency telephone number

Emergency number : 1800 189907

SECTION 2: Hazard(s) identification

GHS classification

Aspiration Hazard, Category 1

GHS label elements

Hazard pictograms :



Signal word : DANGER
Hazard statements : May be fatal if swallowed and enters airways

Precautionary statements : **Response**
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
Do NOT induce vomiting

Storage
Store locked up

Disposal
Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Other hazards : None kno

SECTION 3: Composition and information on ingredients, in accordance with scheduel 8

This product is a mixture

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Component	CAS RN	Concentration	Classification
Stoddard solvent Contains < 0.1 % benzene	8052-41-3	> 30 - < 65 %	Flam. liq. 3, H226 Asp. Tox. 1, H304
Organometallic titanium derivative	Trade secret	> 3 - < 5 %	Flam. liq. 3, H226 Eye Irrit. 2, H319 STOT SE 3, H336
Proprietary compound	Trade secret	> 20 - < 35 %	H227
Organic compound	Trade secret	< 2 %	Not classified

SECTION 4: First aid measures

Description of first aid measures

General advice	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention.
Skin contact	: Remove contaminated clothing. Rinse skin with plenty of water. If skin irritation occurs: Get medical advice/attention.
Eye contact	: Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persists.
Ingestion	: Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Obtain emergency medical attention. If vomiting occurs, keep head below hips to prevent aspiration into the lung.

Most important symptoms and effects, both acute and delayed

Symptoms/injuries after skin contact	: In case of prolonged or repeated exposure may result in dermatitis, dry skin after, cracking.
Symptoms/injuries after eye contact	: In case of direct contact with eyes may result in watering, tearing and redness.
Symptoms/injuries after inhalation/ ingestion	: May experience shortness of breath. May result in nausea.

Indication of any immediate medical attention and special treatment needed

Note to physician	: Treat symptomatically
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SECTION 5: Firefighting measures

Hazchem Code	: Not applicable. This product does not meet criteria for dangerous goods according to ADG.
Suitable extinguishing media	: Use fire-extinguishing media appropriate for surrounding materials. Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: None known. Avoid use of water stream.
Special hazards arising from the substance or mixture	Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.
Advice for firefighters	
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protective equipment for firefighters	: Do not enter fire area without proper protective equipment, including respiratory protection.
Other information	: Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

General measures	: Stop leak if safe to do so. Special danger of slipping by leaking/spilling product. Avoid contact with eyes. Avoid breathing mist and spray. Eliminate ignition sources. Evacuate unnecessary personnel. Equip cleanup crew with proper protection.
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Environmental precautions

Prevent entry to sewers and public waters. If runoff occurs, notify authorities.

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Methods and material for containment and cleaning up

- Methods for cleaning up : Soak up spills with inert solids, such as vermiculite, floor absorbent. Collect all waste in suitable and labelled containers and dispose according to local legislation. Large spills: Eliminate ignition sources. Stop spill at sources.

SECTION 7: Handling and storage, including how the chemical may be safely used

Precautions for safe handling

- Precautions for safe handling : Read label before use. Obtain special instructions before use. Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Five-gallon pails or larger, ground/bound when transferred. Empty containers are combustible and contain residue, observe precautions. Can become electrostatically charged and form spark by mixing, filtering, pumping at hi-flow rates.

- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Conditions for safe storage

- Storage conditions : Keep only in the original container in well-ventilated place. Keep container closed when not in use. Keep away from strong oxidizing agents. Keep away from sources of heat.

SECTION 8: Exposure controls and personal protection

Control parameters

Exposure limits are listed below, if they exist.

Stoddard solvent		
AU OEL	TWA (mg/m ³)	790 mg/m ³

Exposure controls

- Engineering controls : Ensure good ventilation of the work station. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure. Avoid exposure to a temperature higher than flash point.
- Individual protection measures : Handle in accordance with good industrial hygiene and safety practices. Avoid all unnecessary exposure. For certain operations, additional Personal Protection Equipment (PPE) may be required.



- Hand protection : In case of repeated or prolonged contact wear gloves.
- Eye protection : Wear goggles if splashing or spraying is anticipated.
- Skin and body protection : In case of repeated or prolonged exposure : Personal protective clothing should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling.
- Respiratory protection : Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. For emergency conditions, use an approved positive-pressure self-contained breathing apparatus. In confined or poorly ventilated areas, use an approved self-contained breathing apparatus or positive pressure air line with auxiliary self-contained air supply. The following should be effective types or air-purifying respirators:
Organic vapour cartridge
- Other information : Selection and use of potential protective equipment should be by the recommendations in one or more of the relevant Australian/ NewZealand Standards, including:
AS/NZS 1336: Eye and face protection - Guidelines
AS/NZS 1337: Personal eye protection - Eye and face protection for occupational applications.
AS/NZS 1715: Selection, use and maintenance of respiratory protective equipment.
AS/NZS 2161: Occupational protective gloves.
AS/NZS 4501: Occupational protective clothing Set.

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SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Clear liquid
Colour	: Colourless
Odour	: No data available
Odour threshold	: No data available
pH	: Not applicable
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 61.7 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: Negligible
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity	: Not applicable (water-like)
Explosive properties	: Not applicable
Oxidising properties	: Not applicable
Explosive limits	: No data available

Other information

Percent solid by weight : 99%

NOTE: The physical data presented above are typical values and should not be constructed as a specification.

SECTION 10: Stability and reactivity

Reactivity

No additional information available

Chemical stability

The product is stable at normal handling and storage condition

Possibility of hazardous reactions

Hazardous polymerization will not occur.

Conditions to avoid

Avoid extreme temperatures.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

Thermal decomposition products: Hydrocarbon substances with low molecular weight and their oxidation products. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

Information on toxicological effects

Toxicological information appears in this section when such data is available.

Acute toxicity : Not classified

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Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
	Contains Organometallic titanium derivative that is known to cause severe eye irritation in concentration that does not trigger the hazards classification.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Benzene containment of Stoddard solvent that is used in this formulation is measured to be less than 0.1 wt %, and in such this does not meet criteria of a mutagen toxicant. (Based on available data, the classification criteria are not met)
Carcinogenicity	: Benzene containment of Stoddard solvent that is used in this formulation is measured to be less than 0.1 wt %, and in such this does not meet criteria of a carcinogen. (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
Specific target organ toxicity (single exposure)	: Not classified (Based on available data, the classification criteria are not met)
Specific target organ toxicity (repeated exposure)	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Contains stoddard solvent that is known to be fatal if swallowed and enters airways.

SECTION 12: Ecological information

Ecotoxicity

Ecotoxicological information appears in this section when such data is available.

Ecotoxicity : No relevant information found.

Persistence and degradability

No additional information available

Bioaccumulative potential

No additional information available

Mobility in soil

No additional information available

Result of PBT and vPvB assessment

No relevant information found

Other adverse effects

Effect on ozone layer : No relevant information found

Effect on the global warming : No relevant information found

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

- Disposal methods : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to comply with applicable local, national and international regulations.
- Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

ADG

Not regulated for transport on land

Classification for transport by sea (IMO-IMDG)

Not regulated

Classification for transport by air (ICAO/IATA)

Not regulated

SECTION 15: Regulatory information

Poison schedual

Not scheduled

Australia Inventory of Chemical Substances (AICS)

All ingredients in this preparation are listed in the Australian Inventory of Chemical Substances, AICS

SECTION 16: Any other relevant information

- Regulatory information : Prepared according to the Australia Work Health and Safety Regulation (WHS)
- Revision : Version: 1.0; Issue Date: 21/03/2018

Legend

- ADG : Australian Dangerous Goods
- AICS : Australian Inventory of Chemical Substances
- AS/NZS : Australian/New Zealand Standard™
- AU/OEL : Australia. Workplace Exposure Standards for Airborn Contaminants
- CAS : Chemical Abstracts Service
- IATA : International Air Transport Association
- ICAO : International Civil Aviation Organization
- IMO : The International Maritime Organization
- IMDG : International Maritime Dangerous Goods
- PPE : Personal Protrective Equipments
- TWA : Time-Weighted Average
- WHS : Australia Work Health and Safety Regulation

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product