



# SMT2 (Synthetic Metal Treatment)

## Safety Data Sheet

Hazardous according to criteria of Worksafe Australia

Date of issue: 01/07/2016 Revised 22/06/2020 Version: 1.1

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Product name : SMT2 (Synthetic Metal Treatment)  
Product code : SMT2/.5, SMT2/1, SMT2/5, SMT2/10, SMT2/20, SMT2/208.

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Additive.

#### 1.3. Details of the supplier of the safety data sheet

SMT Superior Maintenance Technology  
1 Beerburum Rd  
Beerburum,  
Qld, 4517.  
Ph 07 5496 0677  
Ph 0415 644 244

#### 1.4. Emergency telephone number

Emergency number : 13 11 26 Poisons Information Centre

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### GHS classification



Reproductive Toxicity - Effects on or via Lactation

In accordance with IMDG guidelines. Quantities less than 19 ltrs are not considered a hazardous substance in transit. Quantities exceeding 19 ltrs are considered a potential marine pollutant in transit. Containers of 5Ltrs or less are not classed as dangerous goods as they are considered a limited quantity.

#### 2.2. Label elements

##### GHS labelling

Hazard statements (GHS) : May cause harm to breast-fed children. Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.  
Precautionary statements (GHS) : Obtain special instructions before use. Do not breathe dust or mists. Avoid contact during pregnancy/while nursing. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. If exposed or concerned: Get

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS)

Not applicable

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

Name	Product identifier	%	GHS classification
Alkanes, C14-17, chloro	(CAS No) 85535-85-9	60 - 100	Lact, H362
The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.			



# SMT2 (Synthetic Metal Treatment)

## Safety Data Sheet

Hazardous according to criteria of Worksafe Australia

Date of issue: 01/07/2016    Revised 22/06/2020    Version: 1.1

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures after inhalation : If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, obtain medical attention.
- First-aid measures after skin contact : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if
- First-aid measures after eye contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. If irritation persists, get medical
- First-aid measures after ingestion : If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention.

#### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after inhalation : May cause respiratory tract irritation.
- Symptoms/injuries after skin contact : May cause slight irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
- Symptoms/injuries after eye contact : May cause slight irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
- Symptoms/injuries after ingestion : May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Foam, dry powder, Halon, carbon dioxide, sand, earth and water
- Unsuitable extinguishing media : Water jet.

#### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : Products of combustion may include, and are not limited to: oxides of carbon.

#### 5.3. Advice for firefighters

- Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

- Protective equipment : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

##### 6.1.2. For emergency responders

No additional information available

#### 6.2. Methods and material for containment and cleaning up

- For containment : Eliminate sources of ignition. Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
- Methods for cleaning up : Scoop up material and place in a disposal container. Spills of this material are a slipping hazard. Provide ventilation.

#### 6.3. Reference to other sections

See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal.



# SMT2 (Synthetic Metal Treatment)

## Safety Data Sheet

Hazardous according to criteria of Worksafe Australia

Date of issue: 01/07/2016    Revised 22/06/2020    Version: 1.1

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Avoid contact with skin and eyes. Do not swallow. Do not breathe vapour or mist. Avoid contact during pregnancy/while nursing. Use only outdoors or in a well-ventilated area. Handle and open container with care. When using do not eat, drink or
- Hygiene measures : Launder contaminated clothing before reuse. Wash hands before eating, drinking, or

#### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep out of the reach of children. Keep container tightly closed.

#### 7.3. Specific end use(s)

Not available.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available.

#### 8.2. Exposure controls

- Appropriate engineering controls : Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.
- Hand protection : Wear chemically resistant protective gloves.
- Eye protection : Safety glasses or goggles are recommended when using product.
- Skin and body protection : Wear suitable protective clothing, including appropriate boots, boot covers, overshoes, etc., as may be appropriate.
- Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
- Environmental exposure controls : Maintain levels below Community environmental protection thresholds.
- Other information : Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety



# SMT2 (Synthetic Metal Treatment)

## Safety Data Sheet

Hazardous according to criteria of Worksafe Australia

Date of issue: 01/07/2016    Revised 22/06/2020    Version: 1.1

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Light amber.
Odour	: Pleasant.
Odour threshold	: No data available.
pH	: Neutral.
Relative evaporation rate	: Negligible.
Melting point	: No data available.
Freezing point	: No data available.
Boiling point	: > 454 °C (>850 °F)
Flash point	: No data available.
Self ignition temperature	: No data available.
Decomposition temperature	: No data available.
Flammability (solid, gas)	: Not Flammable.
Vapour pressure	: < 0.01 kPa
Relative vapour density at 20 °C	: > 1 (Air = 1)
Relative density	: 1.09 @ 25 °C (77 °F)
Density	: > 0.8 g/cm <sup>3</sup> and < 1.0
Solubility	: Insoluble.
Log Pow	: No data available.
Log Kow	: No data available.
Viscosity, kinematic	: No data available.
Viscosity, dynamic	: No data available.
Explosive properties	: No data available.
Oxidising properties	: None.
Explosive limits	: No data available.

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No dangerous reaction known under conditions of normal use.

#### 10.2. Chemical stability

Stable under normal storage conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

#### 10.4. Conditions to avoid

Heat. Incompatible materials.

#### 10.5. Incompatible materials

Strong inorganic and organic acids, oxidizing agents.

#### 10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon.



# SMT2 (Synthetic Metal Treatment)

## Safety Data Sheet

Hazardous according to criteria of Worksafe Australia

Date of issue: 01/07/2016 Revised 22/06/2020 Version: 1.1

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

Alkanes, C14-17, chloro (85535-85-9)	
LD50 oral rat	2000 mg/kg

Synthetic Metal Treatment	
ATE (oral)	>2000 mg/kg, rat
ATE (dermal)	>2000 mg/kg, rabbit
ATE (inhalation)	Not available.

Skin corrosion/irritation	Based on available data, the classification criteria are not met.
Serious eye damage/irritation	Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	May cause harm to breast-fed children.
Specific target organ toxicity (single exposure)	Based on available data, the classification criteria are not met.
Specific target organ toxicity (repeated exposure)	: Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.
Symptoms/injuries after inhalation	May cause respiratory tract irritation.
Symptoms/injuries after skin contact	May cause slight irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
Symptoms/injuries after eye contact	May cause slight irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Symptoms/injuries after ingestion	May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : Considered to be harmful to aquatic life.

#### 12.2. Persistence and degradability

Synthetic Metal Treatment	
Persistence and degradability	Not established.

#### 12.3. Bioaccumulative potential

Synthetic Metal Treatment	
Bioaccumulative potential	Not established.

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal recommendations : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.



# SMT2 (Synthetic Metal Treatment)

## Safety Data Sheet

Hazardous according to criteria of Worksafe Australia

Date of issue: 01/07/2016 Revised 22/06/2020 Version: 1.1

### SECTION 14: Transport information

In accordance with Dangerous goods transport act.

#### 14.1. UN number

UN-No : 3082

#### 14.2. UN proper shipping name

Proper Shipping Name : Environmentally hazardous substances, liquid, n.o.s (Chlorinated

Department of Transportation : 9

Hazard Class :

Hazard labels (DOT) :



Packing group (DOT) : III

Marine pollutant : Chlorinated paraffins

#### 14.3. Additional information

Other information : No supplementary information available.

Special transport precautions : Do not handle until all safety precautions have been read and understood.

### SECTION 15: Regulatory information

#### 15.1. Worksafe Australia

No additional information available

#### 15.2. Australian regulations

##### Synthetic Metal Treatment

State or local regulations

This product does not contain a chemical known to Australia to cause cancer, birth defects or other reproductive harm.

#### SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

IARC (I)	International Agency for Research on Cancer.
	1 - Carcinogenic to humans; 2A - Probably carcinogenic to humans; 2B - Possibly carcinogenic to humans; 3 - Not classifiable; 4 - Probably not carcinogenic to humans
NTP (N)	National Toxicology Program.
	1 - Evidence of Carcinogenicity; 2 - Known Human Carcinogens; 3 - Reasonably anticipated to be Human Carcinogen; 4 - Substances delisted from report on Carcinogens; 5 - Twelfth Report - Items under consideration.

### SECTION 16: Other information

Indication of changes : None.

Other information : None.

*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*