

# Safety Data Sheet

acc. to Safe Work Australia - Code of Practice

## Weld-On® White Seal™ Plus

Version number: 1.0

Date of compilation: 2026-02-20

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

#### 1.1 Product identifier

Trade name **Weld-On® White Seal™ Plus**  
 Product category/ies Pipe Thread Sealant with PTFE

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

Relevant identified uses sealant

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

Weld-On  
 17109 S. Main  
 Gardena CA 90248-3127  
 United States

Telephone: 1-310-898-3300  
 e-mail: EHSInfo@ipscorp.com  
 Website: www.weldon.com

#### 1.4 Emergency telephone number

Emergency information service 24 Hours - CHEMTEL: (800) 255-3924; International (813) 248-0585

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification acc. to GHS

| Hazard class    | Category |
|-----------------|----------|
| carcinogenicity | 1B       |

For full text of abbreviations: see SECTION 16.

#### 2.2 Label elements

Labelling

- Signal word danger

- Pictograms

GHS08



- Hazard statements

H350 May cause cancer.

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### - Precautionary statements

- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.
- P201 Obtain special instructions before use.
- P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
- P308+P313 IF exposed or concerned: Get medical advice/attention.
- P405 Store locked up.
- P501 Dispose of contents/container to industrial combustion plant.

### - Hazardous ingredients for labelling

Distillates (petroleum), solvent-dewaxed heavy paraffinic

## 2.3 Other hazards

Special danger of slipping by leaking/spilling product.

### Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0,1\%$ .

### Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of  $\geq 0,1\%$ .

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not relevant (mixture)

### 3.2 Mixtures

Description of the mixture

| Name of substance                                         | Identifier           | Wt%       | Classification acc. to GHS |
|-----------------------------------------------------------|----------------------|-----------|----------------------------|
| Distillates (petroleum), hydro-treated light paraffinic   | CAS No<br>64742-55-8 | 25 – < 50 | Acute Tox. 4 / H332        |
| Talc                                                      | CAS No<br>14807-96-6 | 10 – < 25 | Acute Tox. 4 / H332        |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic | CAS No<br>64742-65-0 | 10 – < 25 | Carc. 1B / H350            |

### Remarks

For full text of abbreviations: see SECTION 16

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

#### Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

#### Following skin contact

Wash with plenty of soap and water.

#### Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least

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10 minutes, holding the eyelids apart.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

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

Symptoms and effects are not known to date.

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

none

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media

Water jet

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

Hazardous combustion products

Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

Flash point

>450 °F

### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

## SECTION 6: Accidental release measures

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

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

### 6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

### 6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

### 6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation  
Use local and general ventilation. Use only in well-ventilated areas.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

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

There is no additional information.

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials" (Section 10).

#### 7.3 Specific end use(s)

See section 16 for a general overview.

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

| Occupational exposure limit values (Workplace Exposure Limits) |                                               |            |            |           |             |            |              |                 |                   |                         |        |
|----------------------------------------------------------------|-----------------------------------------------|------------|------------|-----------|-------------|------------|--------------|-----------------|-------------------|-------------------------|--------|
| Country                                                        | Name of agent                                 | CAS No     | Identifier | TWA [ppm] | TWA [mg/m³] | STEL [ppm] | STEL [mg/m³] | Ceiling-C [ppm] | Ceiling-C [mg/m³] | Notation                | Source |
| AU                                                             | zinc oxide                                    | 1314-13-2  | WES        |           | 5           |            | 10           |                 |                   | fume                    | WES    |
| AU                                                             | zinc oxide                                    | 1314-13-2  | WES        |           | 10          |            |              |                 |                   | i, noAsb_less1Sil, dust | WES    |
| AU                                                             | talc                                          | 14807-96-6 | WES        |           | 2.5         |            |              |                 |                   | no_asb                  | WES    |
| AU                                                             | silica, crystalline - quartz                  | 14808-60-7 | WES        |           | 0.05        |            |              |                 |                   | r, dust                 | WES    |
| AU                                                             | Calcium carbonate; Limestone, Marble, Whiting | 471-34-1   | WES        |           | 10          |            |              |                 |                   | i, noAsb_less1Sil       | WES    |

##### Notation

|              |                                                                                                                                                                          |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ceiling-C    | ceiling value is a limit value above which exposure should not occur                                                                                                     |
| dust         | as dust                                                                                                                                                                  |
| fume         | as fume                                                                                                                                                                  |
| i            | inhalable fraction                                                                                                                                                       |
| no_asb       | containing no asbestos fibres                                                                                                                                            |
| noAsb_less1S | contains no asbestos and less than 1% free crystalline silica                                                                                                            |
| il           |                                                                                                                                                                          |
| r            | respirable fraction                                                                                                                                                      |
| STEL         | short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)                   |
| TWA          | time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified) |

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| Relevant DNELs of components |            |          |                        |                                    |                   |                            |
|------------------------------|------------|----------|------------------------|------------------------------------|-------------------|----------------------------|
| Name of substance            | CAS No     | Endpoint | Threshold level        | Protection goal, route of exposure | Used in           | Exposure time              |
| Talc                         | 14807-96-6 | DNEL     | 2.16 mg/m <sup>3</sup> | human, inhalatory                  | worker (industry) | chronic - systemic effects |
| Talc                         | 14807-96-6 | DNEL     | 2.16 mg/m <sup>3</sup> | human, inhalatory                  | worker (industry) | acute - systemic effects   |
| Talc                         | 14807-96-6 | DNEL     | 3.6 mg/m <sup>3</sup>  | human, inhalatory                  | worker (industry) | chronic - local effects    |
| Talc                         | 14807-96-6 | DNEL     | 3.6 mg/m <sup>3</sup>  | human, inhalatory                  | worker (industry) | acute - local effects      |
| Talc                         | 14807-96-6 | DNEL     | 43.2 mg/kg bw/day      | human, dermal                      | worker (industry) | chronic - systemic effects |

| Relevant PNECs of components |            |          |                 |                   |                           |                              |
|------------------------------|------------|----------|-----------------|-------------------|---------------------------|------------------------------|
| Name of substance            | CAS No     | Endpoint | Threshold level | Organism          | Environmental compartment | Exposure time                |
| Talc                         | 14807-96-6 | PNEC     | 598 mg/l        | aquatic organisms | freshwater                | short-term (single instance) |
| Talc                         | 14807-96-6 | PNEC     | 141.3 mg/l      | aquatic organisms | marine water              | short-term (single instance) |
| Talc                         | 14807-96-6 | PNEC     | 31.33 mg/kg     | aquatic organisms | freshwater sediment       | short-term (single instance) |
| Talc                         | 14807-96-6 | PNEC     | 3.13 mg/kg      | aquatic organisms | marine sediment           | short-term (single instance) |

## 8.2 Exposure controls

### Appropriate engineering controls

General ventilation.

### Individual protection measures (personal protective equipment)

#### Eye/face protection

Wear eye/face protection.

#### Skin protection

##### - Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

##### - Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

#### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

#### Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

### SECTION 9: Physical and chemical properties

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

|                                                          |                                                           |
|----------------------------------------------------------|-----------------------------------------------------------|
| Physical state                                           | liquid (paste)                                            |
| Colour                                                   | white                                                     |
| Odour                                                    | characteristic                                            |
| Melting point/freezing point                             | not determined                                            |
| Boiling point or initial boiling point and boiling range | ≥207 °C at 101.3 kPa                                      |
| Flammability                                             | this material is combustible, but will not ignite readily |
| Lower and upper explosion limit                          | not determined                                            |
| Flash point                                              | >450 °F                                                   |
| Auto-ignition temperature                                | not determined                                            |
| Decomposition temperature                                | not relevant                                              |
| pH (value)                                               | not determined                                            |

#### Solubility(ies)

|                  |                      |
|------------------|----------------------|
| Water solubility | 0 mg/cm <sup>3</sup> |
|------------------|----------------------|

#### Partition coefficient

|                                                   |                                   |
|---------------------------------------------------|-----------------------------------|
| Partition coefficient n-octanol/water (log value) | this information is not available |
|---------------------------------------------------|-----------------------------------|

|                 |                   |
|-----------------|-------------------|
| Vapour pressure | <0.1 hPa at 20 °C |
|-----------------|-------------------|

#### Density and/or relative density

|                         |                                               |
|-------------------------|-----------------------------------------------|
| Density                 | 1.28 g/cm <sup>3</sup> at 80 °F               |
| Relative vapour density | information on this property is not available |

|                          |                       |
|--------------------------|-----------------------|
| Particle characteristics | not relevant (liquid) |
|--------------------------|-----------------------|

#### Other safety parameters

|             |         |
|-------------|---------|
| Flash point | >450 °F |
|-------------|---------|

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### 9.2 Other information

|                                                    |                                                             |
|----------------------------------------------------|-------------------------------------------------------------|
| Information with regard to physical hazard classes | hazard classes acc. to GHS (physical hazards): not relevant |
|----------------------------------------------------|-------------------------------------------------------------|

Other safety characteristics

|               |                                                                                   |
|---------------|-----------------------------------------------------------------------------------|
| - VOC content | When applied as directed, per SCAQMD Rule 1168, Test Method 316A, VOC content is: |
|---------------|-----------------------------------------------------------------------------------|

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

### 10.2 Chemical stability

See below "Conditions to avoid".

### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

### 10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

### 10.5 Incompatible materials

Oxidisers

### 10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

#### Classification acc. to GHS

Acute toxicity

Shall not be classified as acutely toxic.

GHS of the United Nations, annex 4: May be harmful if inhaled.

Acute toxicity estimate (ATE) of components

| Name of substance                                      | CAS No     | Exposure route        | ATE                      |
|--------------------------------------------------------|------------|-----------------------|--------------------------|
| Distillates (petroleum), hydrotreated light paraffinic | 64742-55-8 | inhalation: vapour    | 11 mg <sub>I</sub> /4h   |
| Distillates (petroleum), hydrotreated light paraffinic | 64742-55-8 | inhalation: dust/mist | 2.18 mg <sub>I</sub> /4h |
| Talc                                                   | 14807-96-6 | inhalation: dust/mist | >2.1 mg <sub>I</sub> /4h |

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

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### Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser.

### Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

### Carcinogenicity

May cause cancer.

### Reproductive toxicity

Shall not be classified as a reproductive toxicant.

### Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

### Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

### Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

## SECTION 12: Ecological information

### 12.1 Toxicity

Toxic to aquatic life with long lasting effects.

### 12.2 Persistence and degradability

Data are not available.

### 12.3 Bioaccumulative potential

Data are not available.

### 12.4 Mobility in soil

Data are not available.

### 12.5 Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0,1\%$ .

### 12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of  $\geq 0,1\%$ .

### 12.7 Other adverse effects

Data are not available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

#### Waste treatment of containers/packageings

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

#### Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

## SECTION 14: Transport information

### 14.1 UN number

not subject to transport regulations

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- 14.2 UN proper shipping name** not relevant
- 14.3 Transport hazard class(es)** none
- 14.4 Packing group** not assigned
- 14.5 Environmental hazards** non-environmentally hazardous acc. to the dangerous goods regulations
- 14.6 Special precautions for user**  
There is no additional information.
- 14.7 Transport in bulk according to IMO instruments**  
The cargo is not intended to be carried in bulk.

### Information for each of the UN Model Regulations

#### **Transport information - National regulations - Additional information (UN RTDG)**

Not subject to transport regulations: UN RTDG

#### **International Maritime Dangerous Goods Code (IMDG) - Additional information**

Not subject to IMDG.

#### **International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information**

Not subject to ICAO-IATA.

## SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
There is no additional information.

### **National regulations (Australia)**

#### **Australian Inventory of Industrial Chemicals (AIIC)**

All ingredients are listed or exempt from listing.

### **National inventories**

| Country | Inventory  | Status                              |
|---------|------------|-------------------------------------|
| AU      | AIIC       | all ingredients are listed          |
| CA      | DSL        | all ingredients are listed          |
| CN      | IECSC      | all ingredients are listed          |
| EU      | ECSI       | not all ingredients are listed      |
| EU      | REACH Reg. | not all ingredients are listed      |
| JP      | CSCL-ENCS  | not all ingredients are listed      |
| KR      | KECI       | all ingredients are listed          |
| MX      | INSQ       | not all ingredients are listed      |
| NZ      | NZIoC      | all ingredients are listed          |
| PH      | PICCS      | all ingredients are listed          |
| TR      | CICR       | not all ingredients are listed      |
| TW      | TCSI       | all ingredients are listed          |
| US      | TSCA       | all ingredients are listed (ACTIVE) |

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### Legend

|            |                                                                         |
|------------|-------------------------------------------------------------------------|
| AIIC       | Australian Inventory of Industrial Chemicals                            |
| CICR       | Chemical Inventory and Control Regulation                               |
| CSCL-ENCS  | List of Existing and New Chemical Substances (CSCL-ENCS)                |
| DSL        | Domestic Substances List (DSL)                                          |
| ECSI       | EC Substance Inventory (EINECS, ELINCS, NLP)                            |
| IECSC      | Inventory of Existing Chemical Substances Produced or Imported in China |
| INSQ       | National Inventory of Chemical Substances                               |
| KECI       | Korea Existing Chemicals Inventory                                      |
| NZIoC      | New Zealand Inventory of Chemicals                                      |
| PICCS      | Philippine Inventory of Chemicals and Chemical Substances (PICCS)       |
| REACH Reg. | REACH registered substances                                             |
| TCSI       | Taiwan Chemical Substance Inventory                                     |
| TSCA       | Toxic Substance Control Act                                             |

## 15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16: Other information

### Abbreviations and acronyms

| Abbr.      | Descriptions of used abbreviations                                                                        |
|------------|-----------------------------------------------------------------------------------------------------------|
| Acute Tox. | Acute toxicity                                                                                            |
| ATE        | Acute Toxicity Estimate                                                                                   |
| Carc.      | Carcinogenicity                                                                                           |
| CAS        | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)    |
| Ceiling-C  | Ceiling value                                                                                             |
| DGR        | Dangerous Goods Regulations (see IATA/DGR)                                                                |
| DNEL       | Derived No-Effect Level                                                                                   |
| ED         | Endocrine disruptor                                                                                       |
| EINECS     | European Inventory of Existing Commercial Chemical Substances                                             |
| ELINCS     | European List of Notified Chemical Substances                                                             |
| GHS        | "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations |
| IATA       | International Air Transport Association                                                                   |
| IATA/DGR   | Dangerous Goods Regulations (DGR) for the air transport (IATA)                                            |
| ICAO       | International Civil Aviation Organization                                                                 |
| IMDG       | International Maritime Dangerous Goods Code                                                               |
| NLP        | No-Longer Polymer                                                                                         |
| PBT        | Persistent, Bioaccumulative and Toxic                                                                     |
| PNEC       | Predicted No-Effect Concentration                                                                         |
| ppm        | Parts per million                                                                                         |
| STEL       | Short-term exposure limit                                                                                 |
| TWA        | Time-weighted average                                                                                     |
| UN RTDG    | UN Recommendations on the Transport of Dangerous Good                                                     |

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| Abbr. | Descriptions of used abbreviations                                          |
|-------|-----------------------------------------------------------------------------|
| VOC   | Volatile Organic Compounds                                                  |
| vPvB  | Very Persistent and very Bioaccumulative                                    |
| WES   | Safe Work Australia: Workplace exposure standards for airborne contaminants |

### Key literature references and sources for data

Safe Work Australia's Code of Practice for Labelling of Workplace Hazardous Chemicals (under WHS Regulations).  
UN Recommendations on the Transport of Dangerous Good. International Maritime Dangerous Goods Code (IMDG).  
Dangerous Goods Regulations (DGR) for the air transport (IATA).

### Classification procedure

Physical and chemical properties: The classification is based on tested mixture.  
Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

### List of relevant phrases (code and full text as stated in section 2 and 3)

| Code | Text                |
|------|---------------------|
| H332 | Harmful if inhaled. |
| H350 | May cause cancer.   |

### Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.