



# GHS SAFETY DATA SHEET

WELD-ON® White Seal Plus Pipe Joint Compound

Date Revised: APR 2019

Supersedes: APR 2015

## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** WELD-ON® White Seal Plus Pipe Joint Compound  
**PRODUCT USE:** Pipe Thread Sealant  
**SUPPLIER:**

**MANUFACTURER:** IPS Corporation  
17109 South Main Street, Gardena, CA 90248-3127  
P.O. Box 379, Gardena, CA 90247-0379  
Tel. 1-310-898-3300

**EMERGENCY:** Transportation: CHEMTEL Tel. 800-255-3924, +1 813-248-0585 (International) **Medical:** CHEMTEL Tel. 800-255-3924, +1 813-248-0585 (International)

## SECTION 2 - HAZARDS IDENTIFICATION

### GHS CLASSIFICATION:

Health		Environmental		Physical
Acute Toxicity:	Category 4	Acute Toxicity:	None Known	None Known
Skin Irritation:	Category 3	Chronic Toxicity:	None Known	
Skin Sensitization:	None Known			
Eye:	Category 2B			

**GHS LABEL:**



**Signal Word:**  
Warning

**WHMIS CLASSIFICATION:**  
Not Regulated

Hazard Statements	Precautionary Statements
H315: Causes skin irritation H320: Causes eye irritation H335: May cause respiratory irritation	P262: Do not get in eyes, on skin, or on clothing P271: Use only outdoors or in a well-ventilated area P280: Wear protective gloves/protective clothing/eye protection/face protection P403+P233: Store in a well ventilated place. Keep container tightly closed

**Hazards not otherwise classified (HNOC):** This product contains crystalline silica (quartz) in a non-respirable form.

## SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

	CAS	EINECS	REACH	CONCENTRATION
			Registration Number	% by Weight
Talc (Magnesium silicate)	14807-96-6	238-877-9	01-2120140278-58-0000	10-20
Calcium carbonate	1317-65-3	215-279-6	EXEMPT	10-20
Silicone dioxide (Quartz)	14808-60-7	238-878-4	01-2120770509-45-0000	10-20
Zinc oxide	1314-13-2	215-222-5	01-2119463881-32-0000	1-10

All of the constituents of this adhesive product are listed on the TSCA inventory of chemical substances maintained by the US EPA, or are exempt from that listing. \*Indicates this chemical is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (40CFR372). # indicates that this chemical is found on Proposition 65's List of chemicals known to the State of California to cause cancer or reproductive toxicity.

## SECTION 4 - FIRST AID MEASURES

**Contact with eyes:** Flush eyes immediately with large amounts of water for at least 15 minutes. Flush under both upper and lower lids. Seek medical aid.  
**Skin contact:** Wash from skin with soap and water. If irritation develops, seek medical aid.  
**Inhalation:** Remove to fresh air. If breathing is stopped, give artificial respiration. If breathing is difficult, give oxygen. Seek medical advice.  
**Ingestion:** Rinse mouth with water. Give 1 or 2 glasses of water or milk to dilute. Do not induce vomiting. Seek medical advice immediately.

## SECTION 5 - FIREFIGHTING MEASURES

<b>Suitable Extinguishing Media:</b>	Carbon dioxide, foam or dry chemical	<b>HMIS</b>	<b>NFPA</b>	0-Minimal
<b>Unsuitable Extinguishing Media:</b>	None known	Health	1	1-Slight
<b>Exposure Hazards:</b>	Thermal decomposition can lead to release of irritating gases and vapors.	Flammability	1	2-Moderate
<b>Combustion Products:</b>	Combustion may yield smoke, carbon monoxide, and other products of ir combustion. Oxides of nitrogen and sulfur may also be formed.	Reactivity	0	3-Serious
<b>Protection for Firefighters:</b>	Self-contained breathing apparatus or full-face positive pressure air-supply masks	PPE	B	4-Severe

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Prevent contact with skin or eyes (see Section 8).  
**Environmental Precautions:** Prevent product or liquids contaminated with product from entering sewers, drains, soil or open water course.  
**Methods for Cleaning up:** Soak up with inert absorbent material. Store in a partly filled, closed container until disposal.

## SECTION 7 - HANDLING AND STORAGE

**Handling:** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.  
**Storage:** Keep containers tightly closed in a dry, cool and well-ventilated place. Store below 130°F to preserve shelf life. Store away from all oxidizing agents. Follow all precautionary information on container label and product bulletins.  
**Incompatible Products:** Avoid contact with strong oxidizing agents and strong reducing agents.



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## SECTION 8 - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:	Component	ACGIH 8-HOUR TLV	ACGIH 15-MINUTE STEL	OSHA 8-HOUR PEL	OSHA 15-MINUTE STEL	OSHA PEL-Ceiling	CAL/OSHA 8-HOUR PEL	CAL/OSHA Ceiling	CAL/OSHA 15-MINUTE STEL
	Magnesium silicate*	2 mg/m <sup>3</sup>	N/E	20 mppcf	N/E	N/E	2 mg/m <sup>3</sup>	N/E	N/E
	Calcium carbonate*	10 mg/m <sup>3</sup>	N/E	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable fraction)	N/E	N/E	10 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable fraction)	N/E	N/E
	Silicone dioxide (Quartz)*	0.025 mg/m <sup>3</sup>	N/E	10 mg/m <sup>3</sup>	N/E	N/E	0.1 mg/m <sup>3</sup>	N/E	N/E

\* Present in the product in a non-respirable form.

- Engineering Controls:** Use local exhaust as needed.
- Monitoring:** Maintain breathing zone airborne concentrations below exposure limits.
- Personal Protective Equipment (PPE):**
- Eye Protection:** Avoid contact with eyes, wear splashproof chemical goggles.
- Skin Protection:** Prevent contact with the skin as much as possible. Chemical resistant gloves should be used for frequent immersion. Use of rubber or plastic gloves should provide adequate protection when normal adhesive application practices and procedures are used for making structural bonds.
- Respiratory Protection:** None needed for normal use

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	White paste	<b>Evaporation Rate:</b>	N/A
<b>Odor:</b>	None	<b>Flammability:</b>	None Known
<b>pH:</b>	Not Applicable	<b>Flammability Limits:</b>	LEL: Not Established UEL: Not Established
<b>Boiling Point:</b>	Not Applicable	<b>Vapor Pressure:</b>	< 10mm @ 80°F
<b>Flash Point:</b>	>232°C (450°F)	<b>Vapor Density:</b>	N/A
<b>Specific Gravity:</b>	1.28 @26.6°C (80°F)	<b>VOC Content:</b>	0%
<b>Solubility:</b>	Negligible		
<b>Auto-ignition Temperature:</b>	Not Available		
<b>Decomposition Temperature:</b>	Not Available		

## SECTION 10 - STABILITY AND REACTIVITY

<b>Reactivity:</b>	Hazardous reactions will not occur under normal conditions
<b>Stability:</b>	Stable under normal conditions
<b>Hazardous decomposition products:</b>	Hazardous polymerization will not occur.
<b>Conditions to avoid:</b>	Direct sunlight. Extremely high or low temperatures. Avoid contact with incompatible materials.
<b>Incompatible Materials:</b>	Avoid contact with strong oxidizing agents and strong reducing agents.

## SECTION 11 - TOXICOLOGICAL INFORMATION

- Likely Routes of Exposure:** Inhalation, Eye and Skin Contact
- Acute symptoms and effects:**
- Inhalation:** Harmful if inhaled. May cause irritation of respiratory tract and coughing and/or shortness of breath.
- Eye Contact:** Causes serious eye irritation.
- Skin Contact:** Causes skin irritation.
- Ingestion:** Harmful if swallowed.
- Chronic (long-term) effects:** **Calcium Carbonate:** Can cause mild irritation of the respiratory system. Long-term exposure may cause permanent damage. Calcium carbonate is not listed by MSHA, OSHA, or IARC as a carcinogen, but this product may contain trace amounts of crystalline silica, which has been classified by IARC as carcinogenic to humans when inhaled in the form of quartz or cristobalite.

Calcium carbonate	<b>LD<sub>50</sub></b> 6450mg/kg (Rat, oral)	<b>LC<sub>50</sub></b> N/E	<b>STOT</b> SE3
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**Specific Target Exposure Toxicity (Repeated Exposure):** Not Applicable

Reproductive Effects	Teratogenicity	Mutagenicity	Embryotoxicity	Sensitization to Product	Synergistic Products
Not Established	Not Established	Not Established	Not Established	Not Established	Not Established

**Carcinogenicity:** Not Established

## SECTION 12 - ECOLOGICAL INFORMATION

Acute Aquatic Toxicity	LL50 Fish	EC50 Crustacea	EC50 Algae
Calcium carbonate	Oncorhynchus mykiss (rainbow trout) 96-hour: 100 mg/l	Daphnia Magna (water flea) 48h >1000 mg/L	72-hour >14mg/L

- Mobility:** Not Established
- Degradability:** Not Established
- Bioaccumulation:** Not Established

## SECTION 13 - WASTE DISPOSAL CONSIDERATIONS

Dispose of waste and containers in compliance with applicable Federal, State, Provincial, and Local regulations. Consult disposal expert.

## SECTION 14 - TRANSPORT INFORMATION

- Proper Shipping Name:** None
- Hazard Class:** Not Regulated as a hazardous material
- Secondary Risk:** None
- Identification Number:** None
- Packing Group:** None
- Label Required:** None
- Marine Pollutant:** NO

TDG INFORMATION	
TDG CLASS:	Not Regulated
SHIPPING NAME:	Not Regulated
UN NUMBER/PACKING GROUP:	Not Regulated



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#### SECTION 15 - REGULATORY INFORMATION

**Precautionary Label Information:** Irritant  
**Symbols:** Xi  
**Risk Phrases:** R-36/38 Irritating to eyes and skin.

**Safety Phrases:** S-2/3 Keep in a cool place, out of reach of children.  
S-7 Keep container tightly closed when not in use.  
S-24/25 Avoid contact with skin and eyes.  
S-35 Dispose of material and container in a safe way.

**Compliance Statement:** This SDS was prepared to be in accordance with:  
*US OSHA Hazard Communication Standard 29 CFR 1910.1200 (Rev 2012)*  
*European Regulation (EC) No (EU) 2015/830 on classification, labelling and packaging of substances and mixtures*

**Ingredient Listings:** USA TSCA, Europe EINECS, Canada DSL, Australia AICS, Korea ECL/TCCL, Japan MITI (ENCS)

S-29 Do not empty into drains, storm drains or watercourses.  
S-37/39 Wear suitable gloves and eye protection.  
S-45 If seeking medical advice show physician label or SDS.  
S-51 Use only in well ventilated areas

#### SECTION 16 - OTHER INFORMATION

**Specification Information:**  
**Department issuing data sheet:** IPS, Safety Health & Environmental Affairs  
**E-mail address:** <EHSinfo@ipscorp.com>

All ingredients are compliant with the requirements of the European Directive on RoHS (Restriction of Hazardous Substances).

**Training necessary:** Yes, training in practices and procedures contained in product literature.  
**Reissue date / reason for reissue:** 4/30/2019 / Updated GHS Standard Format  
**Intended Use of Product:** Pipe Joint Compound

This product is intended for use by skilled individuals at their own risk. The information contained herein is based on data considered accurate based on current state of knowledge and experience. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.