



GHS SAFETY DATA SHEET

Weld-On® 182 Plastic Roof-Flashing Cement

Date Revised: JUN 2015

Supersedes: APR 2015

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Weld-On® 182 Plastic Roof-Flashing Cement

PRODUCT USE: Plastic Roof-Flashing Cement

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: Not Classified	Acute Toxicity: None Known	Flammable Liquid: Category 2
Skin Irritation: Category 2	Chronic Toxicity: None Known	
Skin Sensitization: NO		
Eye: Category 2		
Aspiration Hazard: Category 1		
Carcinogenicity: Category 1B and 2		

GHS LABEL:



Signal Word:
Danger

WHMIS CLASSIFICATION: Class B, Division 2

Hazard Statements

H225: Highly flammable liquid and vapour
H304: May be fatal if swallowed and enters airways
H340: May cause genetic defects
H350: May cause cancer
H372: Causes damage to organs through prolonged or repeated exposure, STOT RE 1

Precautionary Statements

P210 - Keep away from open flames. - No smoking
P240 - Ground/bond container and receiving equipment
P243 - Take precautionary measures against static discharge
P260 - Do not breathe fume, gas, vapours
P264 - Wash hands thoroughly after handling

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

	CAS#	EINECS #	REACH	CONCENTRATION
			Pre-registration Number	% by Weight
Petroleum Asphalt	8052-42-4	232-490-9	01-2119480172-44	60 - 80
Kaolin	1332-58-7	310-194-1	Not Registered	15 - 30
Stoddard Solvent	8052-41-3	265-191-7	01-2119496235-32-00xx	15 - 25
Hydrous Magnesium Aluminum Silicate (Attapulgite) #	12174-11-7	601-805-5	EXEMPT	0 - 10
Cellulose Fiber	9004-34-6	232-674-9	EXEMPT	0 - 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

First-aid Measures: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Contact with eyes: Flush eyes with plenty of water for 15 minutes. Get medical attention if irritation develops or persists.

Skin contact: Wash exposed area with mild soap and water. Get medical attention if irritation develops or persists.

Inhalation: Fresh air should alleviate any respiratory discomfort. If breathing difficulties develop or persist, get medical attention.

Ingestion: DO NOT induce vomiting. Danger from aspirating into lungs exceeds short term toxic effects. Get immediate medical help.

Likely Routes of Exposure: Inhalation and Ingestion

Acute symptoms and effects:

Inhalation: Breathing difficulty, lightheadedness, headache, dizziness and nausea. Irritation to the nose, throat and lungs. Prolonged inhalation may lead to mucous membrane irritation, central nervous system depression, and unconsciousness.
Eye Contact: Irritation and watering of the eyes. Prolonged or repeated contact can cause blurred vision and corneal injury.
Skin Contact: Irritation of skin, redness and possible swelling. Prolonged or repeated contact can cause dermatitis, defatting. Can be absorbed through skin.
Ingestion: Choking difficulty in breathing, gastrointestinal irritation, nausea and vomiting. Nervous system depression, which can include drowsiness, dizziness, loss of coordination and fatigue.

Chronic (long-term) effects: Prolonged and repeated overexposure may cause permanent brain and or nervous system damage. Can cause dermatitis. Sanding dust inhalation may cause lung damage. Intentional misuse through inhalation may be harmful or fatal. Ingredients in this product are reported to aggravate preexisting eye, skin, respiratory, kidney and liver disorders.

SECTION 5 - FIREFIGHTING MEASURES

Suitable Extinguishing Media:	Foam. Dry powder. Carbon dioxide. Water spray. Sand.	HMIS	NFPA	0-Minimal
Unsuitable Extinguishing Media:	Water in a straight hose stream may cause fire to spread and should be used as a cooling medium only	Health	2	2
		Flammability	2	3
Exposure Hazards:	Mists or sprays could ignite at temperatures below the indicated flash point.	Reactivity	0	1
		PPE	B	4-Severe
Combustion Products:	Oxides of carbon			
Protection for Firefighters:	Self-contained breathing apparatus or full-face positive pressure airline masks.			

SECTION 6 - ACCIDENTAL RELEASE MEASURES

General Measures: Absorb spillage to prevent material damage. Isolate from fire, if possible, without unnecessary risk. No flames, no sparks. Eliminate all sources of ignition. Remove ignition sources.
Personal Precautions: Extinguish possible sources of ignition and ventilate spill area. Dike area to contain spill. Provide sufficient ventilation, use explosion-proof exhaust ventilation equipment or wear suitable respiratory protective equipment. Prevent contact with skin or eyes (see section 8).
Environmental Precautions: Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.
Methods for Cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials
Materials not to be used for clean up: Aluminum or plastic containers

SECTION 7 - HANDLING AND STORAGE

Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Eliminate all ignition sources if safe to do so. Do not breathe fume, spray, vapours.
Storage: Store in a cool, dry ventilated area away from excessive heat, sparks and open flames. Do not store with oxidizing agents. Follow all precautionary information on container label, product bulletins and literature.
Incompatible Products: Strong bases. Strong acids.
Incompatible Materials: Sources of ignition.
Storage Temperature: < 43 °C
Other: Warning! If you scrape, sand or remove an old coating, you may release lead dust. Lead is toxic. Exposure to lead dust can cause serious illness, such as brain damage, especially in children. Pregnant women should also avoid exposure. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log onto www.epa.gov/lead.

SECTION 8 - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:	Component	ACGIH TLV	ACGIH STEL	OSHA PEL	OSHA STEL	OSHA Ceiling	CAL/OSHA PEL	CAL/OSHA STEL	CAL/OSHA Ceiling
	Petroleum Asphalt	0.5 mg/m3	N/E	N/E	N/E	N/E	5 mg/m ³	N/E	N/E
	Kaolin	2 mg/m3	N/E	5 mg/m3	N/E	N/E	2 mg/m3	2 mg/m3	2 mg/m3
	Stoddard Solvent	100 PPM	N/E	100 PPM	N/E	N/E	100 PPM	N/E	N/E
	Magnesium Aluminum Silicate	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E
	Cellulose Fiber	10 mg/m3	N/E	15 mg/m3	N/E	N/E	5 mg/m3	N/E	N/E

Engineering Controls: Use local exhaust or dilution ventilation as appropriate to control vapor or mist to below permissible exposure limits
Monitoring: Maintain breathing zone airborne concentrations below exposure limits.

Personal Protective Equipment (PPE):

Eye Protection: Splash resistant and spray mist protection required. Use splash goggles or safety glasses with side shields.

Skin Protection: Neoprene rubber or other chemical resistant material.

Use chemical resistant boots, apron, etc. as necessary to prevent contamination of clothing and skin contact.

Respiratory Protection: Use only with adequate ventilation. Provide adequate fresh air entry. If not wear the proper respiratory protection. If ventilation is inadequate use an organic vapor/particulate respirator approved by NIOSH/MSHA for spray/mist vapors.
When sanding a dried coating film use a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated.



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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark Paste	Odor Threshold:	Not Available
Odor:	Petroleum Like		
pH:	Not Applicable		
Melting/Freezing Point:	Not Available		
Boiling Point:	> 300 (≤ 450) °F	Evaporation Rate:	< 1.0 (BUAC = 1)
Flash Point:	41°C (106°F) per T.C.C. Method	Flammability:	N/A
Specific Gravity:	1.09 @23°C (73°F)	Flammability Limits:	LEL: 0.7%
Solubility:	Insoluble		UEL: 6.0%
Partition Coefficient n-octanol/water:	Not Available	Vapor Pressure:	0.293 kPa at 20 C
Auto-ignition Temperature:	Not Available	Vapor Density:	> 1.0 (Air = 1)
Decomposition Temperature:	Not Available	Other Data: Viscosity:	Not Available
VOC Content:	< 250 (≤ 250) g/l		

SECTION 10 - STABILITY AND REACTIVITY

Stability:	Stable
Hazardous decomposition products:	None in normal use. When forced to burn, this product gives off oxides of carbon.
Conditions to avoid:	Exposure to excessive heat, open flames and sparks. Avoid conditions that favor the formation of excessive mists and/or fumes.
Incompatible Materials:	Strong acids. Strong bases.

SECTION 11 - TOXICOLOGICAL INFORMATION

Toxicity:	LD50	LC50	STOT
Petroleum Distillate	> 5000 mg/kg (rat)	> 5500 ppm (4 hr., rat)	Not Available
Stoddard Solvent			STOT RE 1, H372, Muta. 1B, H340, Carc. 1B, H350, Asp. Tox. 1, H304

<u>Reproductive Effects</u>	<u>Teratogenicity</u>	<u>Mutagenicity</u>	<u>Embryotoxicity</u>	<u>Sensitization to Product</u>	<u>Synergistic Products</u>
Not Established	Not Established	May cause genetic defects (Dermal, Inhalation).	Not Established	Not Established	Not Established

This product may contain trace amounts of crystalline silica, which is considered a hazard by inhalation that can cause silicosis.
 Petroleum asphalt may contain detectable amounts of chemicals known to the State of California to cause cancer or reproductive harm.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity:	Petroleum Asphalt
	LC50 fish 1 > 1000 mg/l (96 h; Pisces)
	LC50 other aquatic organisms 1 > 1000 mg/l (96 h)
	Threshold limit other aquatic organisms 1 > 1000 mg/l (96 h)
Mobility:	In normal use, minimal emission of volatile organic compounds (VOC's) to the air takes place.
Degradability:	Moderately biodegradable
Bioaccumulation:	Not Available

SECTION 13 - WASTE DISPOSAL CONSIDERATIONS

Disposal should be in accordance with applicable regional, national and local laws and regulations. Contact your supplier or a licensed contractor for detailed recommendations. Do not re-use empty containers.

SECTION 14 - TRANSPORT INFORMATION

Proper Shipping Name:	Combustible Liquid - DOT 49 CFR 173.150 SUB.PAR.F. Unregulated
Hazard Class:	NA
Secondary Risk:	NA
Identification Number:	NA
Packing Group:	III
Label Required:	NA
Marine Pollutant:	NA

SECTION 15 - REGULATORY INFORMATION

Precautionary Label Information:	Irritant	Ingredient Listings:	USA TSCA, Europe EINECS, Canada DSL, Australia
Symbols:	Xn		AICS, Korea ECL/TCCL, Japan MITI (ENCS)
Risk Phrases:	R36/37/38: Irritating to eyes, respiratory system and skin.	R65:	Harmful: may cause lung damage if swallowed.
Safety Phrases:	S2: Keep out of the reach of children S23: Do not breathe vapour or mist	S24: Avoid contact with skin. S62: If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.	

SECTION 16 - OTHER INFORMATION

Specification Information:		
Department issuing data sheet:	IPS, Safety Health & Environmental Affairs	All ingredients are compliant with the requirements of the European Directive on RoHS (Restriction of Hazardous Substances).
E-mail address:	<EHSinfo@ipscorp.com>	
Training necessary:	Yes, training in practices and procedures contained in product literature.	
Reissue date / reason for reissue:	6/02/2015 / Updated GHS Standard Format	
Intended Use of Product:	Plastic Roof-Flashing Cement	

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.