

Safety Data Sheet

Section 1. Identification

GHS product Identifier : 650 WB Liquid Adhesive
Other means of identification : Not available

Relevant identified used of the substance or mixtures and uses advised against

650 WB Liquid Adhesive is a polymer emulsion based adhesive which is specifically formulated to provide excellent adhesion with all Polyguard® waterproofing and flashing membranes under many kinds of surface conditions.

Supplier's details Polyguard Products, Inc.
 4101 South Interstate 45
 Ennis, TX 75119
 Tel: (214) 515-5000

Emergency telephone number) with hours of operation) CHEMTREC, US 1-800-424-9300 International 1-703-527-3887 (24/7)

Section 2. Hazards Identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazardous Communications Standard (49CFR1910.1200) .

Classification of the substance or mixture : Respiratory sensitizer- Category 1
 Skin sensitizer- Category 1
 Specific target organ Toxicity (Repeated Exposure) – Category 1
 Hazardous to the aquatic environment, acute hazard- Category 1
 Hazardous to the aquatic environment, long-term hazard- Category 1

GHS label elements
Hazard pictogram



Signal word : **Warning**

Hazard statement : May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 May cause an allergic skin reaction.
 Harmful to aquatic life with long lasting effects.
 Toxic to aquatic life
 Causes damage to organs through prolonged or repeated exposure.

Precautionary statements
Prevention

: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Avoid breathing dust/fumes/gas/mist/vapors/spray. In case of inadequate ventilation wear respiratory protection. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves. Wear eye/face protection. Wash face, hands and any exposed skin thoroughly after handling. Avoid release to the environment.

Response

: Get medical attention if you feel unwell. IF exposed or concerned: Get medical attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. Collect spillage.

Section 2. Hazards Identification

- Storage** : Store locked up. Store in a well-ventilated place. Keep container tightly closed.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Hazards not otherwise classified** : Not applicable.

Section 3. Composition/Information on Ingredients

- Substance/Mixture** : Mixture
- Other means of identification** : Not available
- CAS number/other identifiers**
- CAS number** : Not applicable
- Product code** : Not applicable

Ingredient name	%	CAS Number
Polymer mixture	45-55	*
Alkanes, C14-C16, Chloro	1-5	1372804-76-6
3-Iodo-2-propynyl butylcarbamate	< 0.2	55406-53-6
Carbendazim	<0.1	300-54-1
Diuron	<1.0	10605-21-7

* The exact percentage (concentration) of composition has been withheld as a trade secret.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentration applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First Aid Measures

Description of necessary first aid measures.

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respirations or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth to mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie belt, or waistband.
- Skin contact** : Flush contaminated skin with plenty of soap and water. Continue to rinse for at least 20 minutes. If skin irritation occurs: Get medical attention. Wash clothing before reuse. Clean shoes before reuse.
- Ingestion** : Wash out mouth with water. Remove victim to fresh air and keep at a rest position comfortable for breathing. Call a poison center or physician. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be low so that the vomit does not enter the lungs. Never give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed

Potential acute health effects

- Eye contact** : May cause eye irritation.
- Inhalation** : May cause respiratory irritation.

Section 4. First Aid Measures

- Skin contact** : May causes skin irritation.
Ingestion : No information available

Most important symptoms/effects, acute and delayed

Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:
Pain or irritation, watering, redness
- Inhalation** : Adverse symptoms may include the following:
Respiratory irritation
- Skin contact** : Adverse symptoms may include the following:
Irritation, redness
- Ingestion** : Adverse symptoms may include the following:
Nausea or vomiting

Indication of immediate medical attention and special treatment needed, if necessary.

- Notes to physician:** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment
- Protection of first-aiders:** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing the aid to give mouth to mouth resuscitation.

Section 5. Fire-Fighting Measures

Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : Use of water spray may inefficient.
- Specific hazards arising from the chemical** : No information available.
- Hazardous thermal decomposition products** : No information available.
- Special protective equipment** : Move containers from fire area if this can be done without risk.
- Special protective actions for fire fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-face piece operated in a positive pressure mode.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures.

- For non emergency personal** : Evacuate surrounding area. Keep unnecessary and unprotected personnel from entering. Shut off all ignition sources. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel."
- Environmental precautions** : Avoid disposal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air).

Section 6. Accidental Release Measures

- Environmental precautions** : Avoid disposal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air).
- Methods and materials for containment and cleaning up**
- Spill** : Stop leak if without risk. Move container from spill area. Approach release from upwind. Prevent entry into sewers, water courses. Contain and collect spillage with absorbent material and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. See Section 13 for waste disposal.

Section 7. Handling and Storage

- Precautions for safe handling**
- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure-obtain special instructions before use. Do not handle until safety precautions have been read and understood. Do not get in eyes or on the skin or clothing. Do not breathe vapor or mist. Do not swallow. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in original container or an approved alternative made from compatible material, kept tightly closed when not in use.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry cool and well-ventilated area and food and drink. Store locked up. Keep container tightly closed and sealed until ready to use. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure Controls/Personal Protection

Control parameters Occupational exposure limits

Ingredient name	Exposure limits
Diuron	ACGIH TLV (United states, 4/2014) TWA: 10 mg/m ³ 8 hours OSHA PEL 1989 (United states, 3/1989) TWA: 10 mg/m ³ 8 hours NIOSH REL (United States, 10/2013) TWA: 10 mg/m ³ 10 hours

- Appropriate engineering controls** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Section 8. Exposure Controls/Personal Protection

- Hygiene measure:** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the work station location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when risk assessment indicates this is necessary to avoid exposure to liquid splashes. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: Safety glasses with side shields or chemical splash goggles.
- Skin Protection**
- Hand protection** : Chemical- resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Use a properly fitted, air purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary. 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.

Section 9. Physical and Chemical Properties

- Appearance**
- Physical state** : Liquid
- Color** : Orange liquid.
- Odor** : Slight
- Odor threshold** : Not available
- pH** : 6-11
- Melting point** : No information available
- Boiling point** : >100 °C (212 ° F)
- Flash Point** : >100 °C (212 ° F)
- Evaporation rate:** : No information available
- Flammability (solid, gas)** : No information available
- Lower & upper explosive (flammable) limits** : Lower: No information available
: Upper: No information available
- Vapor density** : No information available
- Vapor pressure** : No information available
- Relative density** : 0.99
- Solubility** : Soluble in water.
- Partition coefficient: n-octanol/water** : No information available
- Auto- ignition temperature** : No information available
- Decomposition temperature** : No information available
- Viscosity** : 110 – 140 cP at 75°F
- VOC** : 5 g/l

Section 10. Stability and Reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: This product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Conditions to avoid:	: Avoid extreme temperatures and direct sunlight.
Incompatible materials	: None known
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological Information

Product/ingredient name	Result	Species	Dose	Exposure
Diuron	LD ₅₀ Dermal	Rat	> 5000 mg/kg	-
	LD ₅₀ Oral	Rat	1 g/kg	-
3-iodo-2-propynyl butylcarbamate	LD ₅₀ Oral	Rat	1470 mg/kg	-
Carbendazim	LD ₅₀ Dermal	Rabbit	8500 mg/kg	-
	LD ₅₀ Dermal	Rat	2 g/kg	-
	LD ₅₀ Oral	Rat	>5050 mg/kg	-

Information on the likely routes of exposure : Routes of entry anticipated: Dermal, inhalation.

Potential acute health effects

Eye contact	: Irritating to eyes.
Inhalation	: Irritating to upper respiratory tract.
Skin contact	: Irritating to skin.
Ingestion	: No data available

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
3-iodo-2-propynyl butylcarbamate	Acute EC50 0.16 ppm Fresh water	Daphnia- Daphnia magma	48 hours
	Acute LC50 500 ppb Fresh water	Crustaceans- Hyalella Azteca	48 hours
	Acute LC50 67 ppb Fresh water	Fish-oncorhynchus mykiss	96 hours
	Chronic NOEC 8.4 ppb	Fish- Pimephales promelas	35 days
Carbendazim	Acute EC500 19.0562 mg/L Fresh water	Algae- Scenedesmus acutus var. acutus	96 hours
	Acute EC500 >100000 µg/L Marine water	Crustaceans- Cancer magister- Zoea	48 hours
	Acute EC50 >20 µg/L Fresh water	Daphnia- Daphnia magma	48 hours
	Acute LC50 7 µg/L Fresh water	Fish-Ictalurus punctatus- Yolk-sac fry	96 hours
	Chronic NOEC 33.5 to 36 µg/L Fresh water	Crustaceans- crustacea	21 days
	Chronic NOEC 3.1 ppb Marine water	Daphnia- Daphnia magma	21 days

Section 13. Disposal Considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recycled products via a licensed waste disposal contractor. Waste should not be disposed of to a sewer. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, water ways, drains and sewers.

Section 14. Transportation information

DOT/IATA/IMDG : Not regulated

Section 15. Regulatory information


Composition/information on ingredients

SARA 311/312 Classification : Acute health hazard & delayed health hazard.

Composition/information on ingredients

SARA 313 : This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

State regulations California Prop 65

 **WARNING:** This product can expose you to chemicals which are known to the State of California to cause cancer. For more information, visit www.P65Warnings.ca.gov

16. Other information

Hazardous Material Information System (USA)

Health -2 Flammability-0 Physical hazards-0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with fully implemented HMIS® program. HMIS® is a registered trademark of the National Paint & Coating Association (NPCA). HMIS® materials may be purchased exclusively from J.J. Keller. The customer is responsible for determining the PPE code for this material.

Date of revision: **May 30, 2019**
Date of previous issue **January 18, 2019**
Revisions: **Change product color from pink to orange**
Version **1**
Prepared by **C. Rogalski**

Notice to reader: To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.