IB Water Borne 636 Adhesive

Version 2.0 Created Date 09/23/2026

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	IB Water Borne 636 Adhesive
Manufacturer's product designation	:	FA636 Bonding Adhesive

Manufacturer or supplier's details

Company	:	IB ROOF SYSTEMS, LLC
Address	:	506 E. DALLAS RD STE. 300, GRAPEVINE, TX 76051
Telephone	:	1-800-426-1626
Emergency Telephone number	:	855-280-2834 (3E Emergency Response U.S.); 760-602-8703 (3E Emergency Response International)

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200 (OSHA HCS 2012)

Hazard class	Category
Flammable liquids	Category 4
Skin irritation	Category 2
Eye irritation	Category 2A
Acute toxicity — oral	Category 3
Acute toxicity — dermal	Category 3
Acute toxicity — inhalation	Category 3
Reproductive toxicity	Category 2
Specific target organ toxicity — single exposure	Category 1
Specific target organ toxicity — repeated exposure	Category 2
Aspiration hazard	Category 1
Acute hazard to the aquatic environment	Category 2
Chronic hazard to the aquatic environment	Category 3

GHS label elements

Pictograms	:	Health Hazard; Exclamation Mark; Environment
Signal Word	:	DANGER
Hazard Statements	:	H227 Combustible liquid. H301 Toxic if swallowed. H304 May be fatal if swallowed and enters airways. H311 Toxic in contact with skin. H315 Causes skin irritation. H319 Causes serious eye irritation. H331 Toxic if inhaled. H361 Suspected of damaging fertility or the unborn child. H370 Causes damage to organs. H373 May cause damage to organs through prolonged or repeated exposure. H401 Toxic to aquatic life. H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements

Prevention:

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P260 Do not breathe dust/fume/gas/mist/vapours/spray.
- P264 Wash thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P271 Use only outdoors or in a well-ventilated area.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P284 In case of inadequate ventilation, wear respiratory protection.

Response:

- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P309+P311 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
- P314 Get medical advice/attention if you feel unwell.
- P321 Specific treatment (see Section 4).
- P330 Rinse mouth.
- P331 Do NOT induce vomiting.
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor/physician.
- P362 Take off contaminated clothing.
- P370+P378 In case of fire: Use appropriate media to extinguish.
- P391 Collect spillage.

Storage:

- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P403+P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.

Disposal:

- P501 Dispose of contents/container to an approved waste disposal plant.

Other Hazards

Emergency Overview: DANGER! Combustible liquid and vapor. Vapors may cause flash fire. Harmful or fatal if swallowed.

Physical appearance: White liquid.

Target Organ Statement: Central Nervous System (CNS).

NFPA Rating

Health	Flammability	Reactivity	Special
2	2	0	—

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous ingredients

Chemical name	CAS-No.	Concentration [wt.%]
Toluene	108-88-3	3 – 10
Methanol	67-56-1	1 – 5

SECTION 4. FIRST AID MEASURES

Eye contact : Immediately flush eyes with plenty of tempered water (at least 15–20 minutes), lifting upper and lower eyelids occasionally. Get immediate medical attention.

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

Ingestion : Small amounts are not expected to produce adverse health effects. Larger amounts should be recovered by aspiration. Get medical attention.

Inhalation : Remove to fresh air. If not breathing, give artificial respiration or oxygen by trained personnel. Seek immediate medical attention.

Most important symptoms and effects, both acute and delayed

Eyes: Mildly irritating to the eyes.

Skin: May cause moderate skin irritation. Prolonged or repeated contact can result in defatting and drying of the skin, which may result in irritation and dermatitis.

Ingestion: Harmful or fatal if swallowed. Pulmonary aspiration hazard — while ingesting or vomiting, may enter lungs and produce damage. May produce CNS effects including dizziness, loss of balance and coordination, unconsciousness, coma and even death. Irritating to mouth, throat, and stomach.

Inhalation: Can cause severe central nervous system depression (including unconsciousness). May cause headaches and dizziness. Vapors irritating to eyes and respiratory tract. Prolonged or repeated exposure may cause liver and kidney damage. Deliberate misuse by concentrating and inhaling contents can be harmful or fatal.

SECTION 5. FIRE-FIGHTING MEASURES

Flammable class : Class IIIA (Combustible Liquid)

Suitable extinguishing media : Water spray, carbon dioxide, dry chemical or foam

Hazardous combustion products : Carbon monoxide and carbon dioxide may form when heated to decomposition

Explosion hazards

Avoid contact with open flame, electric arcs, or other hot surfaces which can cause thermal decomposition.

Fire fighting procedures

As in any fire, wear self-contained breathing apparatus with pressure-demand, full face piece SCBA (MSHA/NIOSH approved or equivalent) and full protective gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Small spill

Dike area to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters. Recover spilled material on absorbent, such as sawdust or vermiculite, and sweep into closed containers for disposal. Do not flush to sewer. If area of spill is porous, remove as much contaminated earth and gravel, etc. as necessary and place in closed containers for disposal. Only adequately trained, authorized personnel wearing required PPE should participate in spill response and clean-up.

Large spill

Keep spectators away. Only adequately trained, authorized personnel wearing required PPE should participate in spill response and clean-up. Dike and contain spill with inert material (sand, earth). Transfer liquids to covered and labeled containers for disposal. Use appropriate PPE. Place absorbent diking materials in covered containers for disposal. Prevent contamination of sewers, streams, and groundwater with spilled material or used absorbent.

SECTION 7. HANDLING AND STORAGE

General procedures

For professional or industrial use only. Follow label instructions. Keep out of the reach of children. Not for consumption. No smoking. Do not breathe vapors. Avoid contact with body. Empty containers must not be washed and re-used for any purpose. Contact lens wearers must wear protective eyewear around chemical vapors and liquid. Wash hands thoroughly after handling. To prevent build-up of vapors, use adequate natural and/or mechanical ventilation.

Handling	:	Containers should be tightly closed to prevent contamination with foreign materials and moisture. Employee education and training in safe handling is required under the Federal OSHA Hazard Communication Standard.
Storage	:	Keep container closed when not in use. Store in a dry, well-ventilated area and out of the sun.
Storage temperature	:	15.5°C (60°F) minimum to 35°C (95°F) maximum
Shelf life	:	1 year from manufacture date

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits (OSHA PEL / ACGIH TLV)

Chemical name	OSHA PEL (TWA)	ACGIH TLV (TWA)	ACGIH TLV (STEL)
Toluene	200 ppm	20 ppm	—
Methanol	200 ppm (260 mg/m³)	200 ppm (262 mg/m³)	250 ppm (327 mg/m³)

Engineering controls

Provide sufficient ventilation or other engineering controls to keep airborne concentrations of vapor or mists below applicable workplace exposure limits. Use only in a well-ventilated area. Ground and bond all equipment.

Personal protective equipment

Eyes and face	:	Wear safety glasses with side shields. A face shield may be necessary if spraying the product.
Skin	:	Wear impervious gloves, if needed, to prevent repeated or prolonged skin contact.
Respiratory	:	NIOSH/MSHA approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances. Use a positive pressure air-supplied respirator if there is

		potential for uncontrolled release, unknown exposure levels, or where air-purifying respirators may not provide adequate protection. A respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 must be followed whenever workplace conditions warrant a respirator's use.
Work hygienic practices	:	Use good hygiene practices when handling this material. Wash hands thoroughly after use. Facilities should be equipped with an eyewash facility and a safety shower.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	:	Liquid
Color	:	White
Percent volatile	:	46.1% by weight
Flash point and method	:	91.1°C (196°F)
Flammable limits	:	1.2 to 7.1 (values are for toluene, a component; the product itself is a water-based combustible liquid)
Autoignition temperature	:	725°F to 997°F
Vapor pressure	:	Not Determined
Vapor density	:	Not Determined
Boiling point	:	> 212°F
Freezing point	:	Not Determined
Melting point	:	Not Determined
Pour point	:	Not Determined
Solubility in water	:	Soluble
Evaporation rate	:	> 1.0 (n-Butyl Acetate = 1)
Density	:	8.99 lbs/gal
Specific gravity	:	1.078
Viscosity	:	Not Determined
VOC (EPA Method 24)	:	179.000 g/L (photochemically reactive VOC only: 109.7 g/L)

SECTION 10. STABILITY AND REACTIVITY

Stability	:	Stable
Hazardous polymerization	:	Will not occur
Conditions to avoid	:	Avoid fire, sparks, static electricity and hot surfaces
Possibility of hazardous reactions	:	None expected
Hazardous decomposition products	:	Carbon monoxide and carbon dioxide may form when heated to decomposition
Incompatible materials	:	Oxidizing materials

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Chemical name	Oral LD50 (rat)	Dermal LD50 (rabbit)	Inhalation LC50 (rat)
Toluene	2,600–7,500 mg/kg	12,124 mg/kg	8,000 ppm (4-hr)

Methanol	No data	12,800 mg/kg	64,000 ppm (4-hr)

Carcinogenicity

Chemical name	IARC status
Toluene	Group 3

Irritation: Slight eyes and skin irritation.

SECTION 12. ECOLOGICAL INFORMATION

Environmental data: This product contains components that may be harmful to aquatic organisms and may cause long term adverse effects in the aquatic environment.

Ecotoxicological information: Contains components that are potentially toxic to freshwater and saltwater ecosystems.

Bioaccumulation/Accumulation: Contains components with the potential to bio-accumulate.

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all local, state and federal regulations.

SECTION 14. TRANSPORT INFORMATION

DOT (Department of Transportation)

Proper shipping name	:	Combustible Liquid, N.O.S.
UN/NA number	:	UN 1993
NAERG	:	128
Marine pollutant	:	None
Other shipping information	:	Contains (Toluene, Methanol)
Special shipping notes	:	If individual container size is less than 1.3 gallons, the proper shipping name is: ORM-D Consumer Commodity (Non-Regulated)

SECTION 15. REGULATORY INFORMATION

SARA Title III (Superfund Amendments and Reauthorization Act)

Fire	:	No
Pressure generating	:	No
Reactivity	:	No
Acute	:	Yes
Chronic	:	Yes

EPCRA Section 313 supplier notification

Chemical name	Wt.%	CAS-No.
Toluene	3 – 10	108-88-3
Methanol	1 – 5	67-56-1

CERCLA (Comprehensive Response, Compensation, and Liability Act)

Chemical name	Wt.%	RQ
Toluene	3 – 10	1,000 lbs.
Methanol	1 – 5	5,000 lbs.

TSCA / Clean Air Act

Toluene (108-88-3) and Methanol (67-56-1) are listed on the TSCA inventory and are Clean Air Act hazardous air pollutants.

States with special requirements

Toluene and Methanol are listed on the New Jersey and Pennsylvania Right to Know lists, and are Massachusetts Toxic Use Reduction Act (TURA) reportable chemicals.

California Proposition 65

This product contains toluene (3–10 wt.%), a chemical known to the State of California to cause birth defects or other reproductive harm (Developmental Toxicity).

Canada — WHMIS hazard symbol and classification

Toxic; Combustible Liquid.

SECTION 16. OTHER INFORMATION

Further information

NFPA — Health	NFPA — Flammability	NFPA — Reactivity	HMIS — Personal Protection
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Disclaimer

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