

TAMKO BUILDING PRODUCTS, INC. SAFETY DATA SHEET – T10Y2019**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

TRADE NAME: TAMKO TWP-2 Water-Based Adhesive Primer

LABEL: TAMKO

PRODUCT USE & DESCRIPTION: For waterproofing

CHEMICAL FAMILY: Polymer/resin

MANUFACTURED FOR:
TAMKO Building Products, Inc.
P. O. Box 1404
Joplin, MO 64802-1404
www.TAMKO.com

EMERGENCY TELEPHONE NUMBERS:
General Information: 1-417-624-6644 (8 a.m. - 5 p.m. CST)
Chemtrec: 1-800-424-9300 (24 HOURS)

2. HAZARDS IDENTIFICATION

SIGNALWORD: Warning

GHS CLASSIFICATION:

Skin Irritation – Category 2
Eye Irritation – Category 2B
Specific Target Organ Toxicity, Single Exposure – Category 3

**HAZARD STATEMENTS:**

May cause respiratory irritation.

Causes skin and eye irritation.

PRECAUTIONARY STATEMENTS:Prevention

Avoid breathing dust/fume/mist/vapors/spray.

Use only outdoors or in a well ventilated area.

Wear protective gloves/protective clothing/eye protection/face protection.

Wash hands and exposed skin thoroughly after handling.

Response

If on skin: Wash with plenty of water.

Specific treatment: See section 4-First Aid

Take off clothing and wash before reuse.

Get medical advice/attention: If exposed or concerned or you feel unwell, if eye and or skin irritation persists.

In case of fire: See Section 5.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If inhaled, remove person to fresh air and keep comfortable for breathing.

Storage

Store locked up, in a well-ventilated place.

Disposal

Dispose in accordance with Federal, State, and Local regulations. (See section 13 for additional information).

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS No.	% by Weight
Aqua Ammonia	1331-21-6	0.1-1
Iron Oxide	51274-00-1	0.1-1
Styrene Butadiene Copolymer	9003-55-8	15-26
1,2-Propanediol	57-55-6	3-5
Resin Ester Aquatec e-5375	8050-31-5	5-8
Glycol Comp	Glycol Co	0.1-1
Engineered Composite	Proprietary	1-3
Surfactant	NE	0.1-1

NE = not established.

4. FIRST AID MEASURES**EYE CONTACT:** Remove contact lenses. Flush Eyes with large amounts of water for 15 minutes. Seek medical attention.**SKIN CONTACT:** Remove and launder contaminated clothing. Wash affected area thoroughly with soap and water. DO NOT use solvents or thinners.**INGESTION:** DO NOT induce vomiting. Get medical attention immediately. Provide SDS to medical personnel.**INHALATION:** Remove to fresh air. Keep warm and at rest. Restore breathing. Seek medical attention.**NOTES TO PHYSICIAN:** Treat symptomatically. Contact poison control and/or seek medical attention as needed.**5. FIRE FIGHTING MEASURES****EXTINGUISHING MEDIA:** Carbon dioxide, Dry chemical, Foam, Water spray fog**UNSUITABLE EXTINGUISHING MEDIA:** Avoid solid water stream as this may spread flammable liquid.**SPECIAL FIRE FIGHTING PROCEDURES:** Full protective equipment and self-contained breathing apparatus should be used.**UNUSUAL FIRE OR EXPLOSION HAZARDS:** Closed containers may explode or auto ignite when exposed to extreme heat.

Vapors may spread long distances and ignite. Vapors may form explosive mixtures with air. During emergency conditions, exposure to burning product may cause health hazard. Symptoms may not be immediately apparent. Seek medical attention.

SEE SECTION 10 FOR COMBUSTION PRODUCTS

6. ACCIDENTAL RELEASE MEASURES

PRECAUTIONS IF MATERIAL IS SPILLED OR RELEASED: Avoid inhalation, ingestion, and contact with skin or eyes. Remove all sources of ignition. Ventilate area. Wear appropriate PPE (Personal Protective Equipment). Contact appropriate authorities needed, if necessary, for immediate action and containment. Do not allow to enter drains or water courses. In case of sewer or drain contamination, contact local water company; water stream contamination, contact EPA. Ventilate area. Dike area with inert material. Remove product with inert absorbent, shovel or sweep up. Keep in suitable containment for approved disposal.

Spills entering surface waters or sewers entering/leading to surface waters that cause a sheen must be reported to the National Response Center 1-800-424-8802.

WASTE DISPOSAL METHODS: This product could be classified as a hazardous waste due to ignitability. Dispose in accordance with applicable Federal, State, and Local regulations. Do not burn.

7. HANDLING AND STORAGE

HANDLING AND PRECAUTIONS: Do not ingest. Keep out of reach children. Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling.

STORAGE: Keep container tightly sealed when not in use. Do not store in places with extreme heat and/or extreme cold.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**EXPOSURE LIMITS**

Components Raw Products	CAS No.	OSHA		ACGIH		Unit
		TWA	STEL	TWA	STEL	
Aqua Ammonia	1331-21-6	25	NE	25	NE	ppm
Iron Oxide	51274-00-1	15/5*	NE	10/3*	NE	mg/m ³
1,2-Propanediol	57-55-6	50	NE	50	NE	ppm
Glycol Comp	Glycol Co	20	NE	20	NE	

NE= Not established.

Note: Due to the form of the product, hazardous exposures from this product are not expected to occur. Gloves must be worn when handling and adequate ventilation must be provided during roofing related activities.

* Total Nuisance Dust/Respirable Dust.

Exposure Controls/Personal Protection: Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor or spray mist. Respiratory protection may be needed if adequate ventilation cannot be obtained. Eye protection should be used at all times when using this product. Intentional misuse by deliberate concentration and inhalation of this product can be harmful or fatal.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Milky White Liquid, Glycol Odor
Odor Threshold: No Data Available
pH: 8 to 8.5
Boiling Point: 212 °F
Melting Point: No Data Available
Flash Point: 107 °F
Autoignition Temperature: No Data Available
Viscosity: >Water
Decomposition Temperature: No Data Available

Upper/Lower Flammability or Explosive Limits: No Data Available
Vapor Pressure: 32 (mm Hg)
Vapor Density (Air = 1): 1
Specific Gravity/Relative Density: No Data Available
Solubility (IES): Yes
Initial Boiling Point and Boiling Range: see BOILING POINT
Evaporation Rate (Ether = 1): 1
Flammability(Solid and Gas): No Data Available
Partition Coefficient: N-Octanol/Water: No Data Available

10. STABILITY AND REACTIVITY

REACTIVITY: Stable under normal conditions

CHEMICAL STABILITY: Stable under the recommended storage and handling conditions (see Section 7); hazardous polymerization will not occur.

CONDITIONS TO AVOID: Freezing, direct sunlight, high heat. All possible ignition and spark or flame sources. Do not pressurize, cut, braze drill, grind, or heat containers. Avoid pure oxygen.

MATERIALS TO AVOID: Keep away from oxidizing agents and strongly alkaline and acidic materials to prevent the possibility of exothermic reaction.

HAZARDOUS DECOMPOSITION: Under normal conditions, hazardous decomposition should not occur. In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide, and oxides of nitrogen may be produced.

11. TOXICOLOGICAL INFORMATION

EYE – Can cause eye irritation.

SKIN – Can cause skin irritation.

INHALATION – Cured product particles, fume and vapor may cause upper respiratory irritation.

INGESTION – May cause harmful effects if swallowed.

12. ECOLOGICAL INFORMATION

Ecotoxicity – No specific data available on this product.

Persistence and degradability – No data available

Bioaccumulative potential – No data available

Mobility in Soil – No data available

Other adverse effects (GHG, Ozone) - No data available

13. DISPOSAL CONSIDERATIONS

This product could be classified as a hazardous waste due to ignitability. Dispose in accordance with Federal, State, and Local regulations. Prevent materials from entering drains, sewers, or waterways. Do not dump on the ground. Do not burn.

14. TRANSPORT INFORMATION

This product is not regulated as a hazardous material for transport under 49 CFR and for vessel transport under the IMDG Code.

15. REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA): Some components in this product are listed on the TSCA Inventory.

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT (CERCLA): None


SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA), TITLE III:

Section 302 Extremely Hazardous Substances: None

Section 311/312 Hazard Categories: See Section 2 of the SDS.

Section 313 Reportable Ingredients: This material contains the following chemicals which are subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

Chemical Name	CAS Number	Concentration (% by Wt.)
Glycol Comp.	Glycol Co	0.1-1

California Proposition 65:  **WARNING:** Cancer and Reproductive Harm – www.P65Warnings.ca.gov/product.

16. OTHER INFORMATION

HMIS Rating: Health - * 1 Flammability - 0 Reactivity - 0	NFPA Rating: Health - 2 Flammability - 0 Reactivity - 0
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Preparation Date: **April 2015**

Revision Date: **February 2017**

Revisions: Updated table footnotes in Section 8.
Updated California Proposition 65 warning language in Section 15.

Revision Date: **September 2018**

Revisions: Product name change (Section 1 and SDS header).
Updated % by weight in Section 3.
Corrected typos in Sections 11 and 15.

Revision Date: **February 2019**

Revisions: Updated Header (Date and T code).
Corrected typos in Section 3 and 15.

Disclaimer of Liability

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