

Safety Data Sheet

TI-15 Pressure-Sensitive Adhesive for Luxury Vinyl Tile & Plank

Safety Data Sheet dated: 05/15/2026 - version 1

Date of first edition: 05/15/2026



1. IDENTIFICATION

Product identifier used on the label

Mixture identification:

Trade name: TI-15 Pressure-Sensitive Adhesive for Luxury Vinyl Tile & Plank

Recommended use of the chemical and restrictions on use

Recommended use: Adhesive

Restrictions on use: None known.

Responsible party: Technical Department, Train Industries

Name, U.S. address, and U.S. telephone number of the chemical manufacturer, importer, or other responsible party

Company: Train Industries

1537 Gardenia Drive

Houston, TX 77018 USA

Phone: 281-766-9506

Web: www.train-industries.com

Responsible: No further relevant information available.

Emergency 24 hour numbers: 281-766-9506

2. HAZARD(S) IDENTIFICATION

Classification of the chemical

Sensitization - Skin 1 H317 May cause an allergic skin reaction.

Label elements

GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms:



GHS07

Signal word: Warning

Hazard-determining components of labeling: 1,2-benzisothiazol-3(2H)-one

Hazard statements:

- May cause an allergic skin reaction.

Precautionary statements:

- Avoid breathing dust/fume/gas/mist/vapors/spray.
- Contaminated work clothing must not be allowed out of the workplace.
- Wear protective gloves.
- If on skin: Wash with plenty of water.
- If skin irritation or rash occurs: Get medical advice/attention.
- Wash contaminated clothing before reuse.
- Dispose of contents/container in accordance with local/regional/national/international regulations.

Classification system:

NFPA ratings (scale 0 - 4): Health = 1 | Fire = 0 | Reactivity = 0

HMIS ratings (scale 0 - 4): Health = 1 | Fire = 0 | Reactivity = 0

Other hazards

Results of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable.

Ingredient(s) with unknown acute toxicity: None

Hazards not otherwise classified: None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Mixtures

Description: Mixture of the substances listed below with nonhazardous additions.

Dangerous components:

2634-33-5	1,2-benzisothiazol-3(2H)-one	0.09%
-----------	------------------------------	-------

4. FIRST AID MEASURES

Description of first aid measures

In case of skin contact:

Immediately wash with water and soap and rinse thoroughly.

In case of eyes contact:

Rinse opened eye for several minutes under running water.

In case of Ingestion:

If symptoms persist consult doctor.

Information for doctor:

Most important symptoms and effects, both acute and delayed

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

In case of Inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media:

Use fire fighting measures that suit the environment..

Specific hazards arising from the substance or mixture

No further relevant information available.

Special protective equipment and precautions for fire-fighters

No special measures required..

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Not required.

Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

Protective Action Criteria for Chemicals

PAC-1:

57-13-6	urea	30 mg/m ³
141-43-5	2-aminoethanol	6 ppm
PAC-2:		
57-13-6	urea	280 mg/m ³
141-43-5	2-aminoethanol	170 ppm
PAC-3:		
57-13-6	urea	1,700 mg/m ³
141-43-5	2-aminoethanol	1,000 ppm

7. HANDLING AND STORAGE

Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: None.

Specific end use(s): No further relevant information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical systems: No further data; see section 7.

Control parameters:

Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists that were valid during the creation were used as basis.

Exposure controls:

Personal protective equipment:

General protective and hygienic measures:

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Protection for hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has

to be observed.

Eye protection: Goggles recommended during refilling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state:	Fluid
Appearance and color:	According to product specification
Odor:	Characteristic
Odor threshold:	Not Determined
pH:	Not determined
Melting point / freezing point:	Not determined
Boiling point / boiling range:	Not determined
Flash point:	Not applicable
Flammability:	Not applicable
Decomposition temperature:	Not determined
Ignition temperature:	Product is not selfigniting.
Danger of explosion:	Product does not present an explosion hazard
Explosion limits: Lower: Upper:	Not determined. Not determined.
Vapor pressure:	Not determined
Density: Relative density Vapor density Evaporation rate	Not determined Not determined Not determined Not determined
Solubility in / Miscibility with Water:	Not miscible or difficult to mix
Partition coefficient (n-octanol/water):	Not determined.
Viscosity: Dynamic: Kinematic:	Not determined. Not determined.
Organic solvents:	0.6%
Water content:	31.2%
VOC content:	0.64% 6.4 g/L / 0.05 lb/gal

10. STABILITY AND REACTIVITY

Reactivity

No further relevant information available

Chemical stability

Stable under recommended storage and handling conditions.

Thermal decomposition / conditions to be avoided

No decomposition if used according to specifications.

Possibility of hazardous reactions

No dangerous reactions known

Conditions to avoid

No further relevant information available.

Incompatible materials

No further relevant information available.

Hazardous decomposition products

No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Toxicological Information of the Preparation

Acute toxicity

LD/LC50 values that are relevant for classification:

2634-33-5 1,2-benzisothiazol-3(2H)-one

Oral	LD50	450 mg/kg (ATE)
Inhalative	LC50/4 h	0.21 mg/l (ATE)

Primary irritant effect:

On the skin: No irritant effect.

On the eye: No irritating effect.

Sensitization: Sensitization possible through skin contact.

Additional toxicological information:

The product shows the following dangers, according to internally approved calculation methods for preparations: Irritant

Carcinogenic categories

IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

NTP (National Toxicology Program)

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12. ECOLOGICAL INFORMATION

Toxicity:

Aquatic toxicity: No further relevant information available.

Persistence and degradability No further relevant information available.

Behavior in environmental systems:

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Additional ecological information:

General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects No further relevant information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging:

· **Recommendation:** Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

DOT-UN- IMDG-IATA Number:	Not regulated
UN proper shipping name · DOT, IMDG, IATA:	Not regulated
Transport hazard class(es) · DOT, ADN, IMDG, IATA · Class:	Not regulated
Packing group · DOT, IMDG, IATA:	Not regulated
Environmental hazards:	Not applicable
Special precautions for user:	Not applicable
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Not applicable
UN "Model Regulation":	Not regulated

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

No further relevant information available.

TSCA - Toxic Substances Control Act

7732-18-5	water, distilled, conductivity or of similar purity	ACTIVE
9003-04-7	2-propenoic acid, homopolymer, sodium salt	ACTIVE
57-13-6	urea	ACTIVE
141-43-5	2-aminoethanol	ACTIVE
2634-33-5	1,2-benzisothiazol-3(2H)-one	ACTIVE
25038-59-9	Polyester	ACTIVE

All the components are listed on the TSCA inventory.

Hazardous Air Pollutants: None of the ingredients is listed.

SARA Title III:

Section 302 - Extremely Hazardous Substances: No substances listed.

Section 313 - Toxic Chemical List (40 CFR 372): No substances listed.

CERCLA - Hazardous Substances (40 CFR 302.4): No substances listed.

State Right-to-Know (Massachusetts, New Jersey, Pennsylvania):

2-aminoethanol (ethanolamine), CAS 141-43-5, is listed on the Massachusetts, New Jersey, and Pennsylvania Right-to-Know lists.

Proposition 65

Chemicals known to cause cancer: None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females: None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed.

Chemicals known to cause developmental toxicity: None of the ingredients is listed.

EPA (Environmental Protection Agency)

57-13-6	urea	II
---------	------	----

TLV (Threshold Limit Value): None of the ingredients is listed.

NIOSH-Ca (National Institute for Occupational Safety and Health): None of the ingredients is listed.

GHS label elements: The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms



Signal word: Warning

Hazard-determining components of labeling: 1,2-benzisothiazol-3(2H)-one

Hazard statements: May cause an allergic skin reaction.

Precautionary statements:

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

Contaminated work clothing must not be allowed out of the workplace.

Wear protective gloves.

If on skin: Wash with plenty of water.

If skin irritation or rash occurs: Get medical advice/attention.

Wash contaminated clothing before reuse.

Dispose of contents/container in accordance with local/regional/national/international regulations.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION

Safety Data Sheet dated: 05/15/2026 - version 1 (first public edition)

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing SDS: Technical Department

Contact: Technical Director

Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Sensitization - Skin 1: Skin sensitization – Category 1

This Safety Data Sheet is prepared to comply with the OSHA Hazard Communication Standard (29 CFR 1910.1200).