

1. IDENTIFICATION

Product Name: WC 1000

Product Description: Water-Based Cork Contact Adhesive

Product Application: Adhesives

Supplier: Lititz Flooring Company
215 Bucky Dr.
Lititz, PA 17543
support@lititzflooring.com

Information Department: Technical Department

Supplier Phone Number: +1 800.492.2613

Supplier Fax Number: +1 717.627.5007

Supplier General Email: support@lititzflooring.com

Emergency Phone Numbers: CHEMTREC:+1 800.424.9300
Customer Number: CCN 842012

2. HAZARD IDENTIFICATION

Classification of Substance / Mixture:



Skin Sens. 1 H317 – May cause an allergic reaction.

GHS07

Label Elements

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

Hazard Pictograms:



GHS07

Signal Word: Warning

Hazardous Components for Labeling: zinkbis(diethylthiocarbamate)
1,2-benzisothiazol-3(2H)-one
a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] and 2-methyl-2 H -isothiazol-3- one [EC No 220-239-6] (3:1)

Hazard Statements: H317 - May cause an allergic skin reaction.

Precautionary Statements: P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P280 - Wear protective gloves.

P272 + P363 - Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

P321 - Specific treatment (see First Aid Information on this label).

P332 + P313 - If skin irritation or rash occurs: Get medical advice/attention.

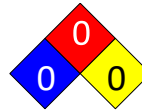
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.

P501 - Dispose of contents/container in accordance with

local/regional/national/international regulations.

Classification System

NFPA Ratings (Scale 0-4):



HMIS Ratings (Scale 0-4):

HEALTH	0
FIRE	0
REACTIVITY	0

Other Hazards

Results of PBT and vPvB Assessment: PBT: Not Applicable
VpVB: Not Applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization: Mixtures

Description: Adhesive

Dangerous Components

CAS No.	Chemical Name	Hazard Statements	Percentage of Mixture
9006-04-6	Polyisoprene	Void	25 - <50%
14324-55-1	zinkbis(diethylthiocarbamate)	H302 Acute Tox. 4; H315 Skin Irrit. 2; H319 Eye Irrit. 2A; H317 Skin Sens. 1; STOT SE3, H335	0.1 - <0.4%

4. FIRST-AID MEASURES

Description of First Aid Measures

General Information: No special measure required.

After Inhalation: Supply fresh air; consult doctor in case of complaints.

After Skin Contact: Immediately wash with water and soap and rinse thoroughly.



After Eye Contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After Swallowing: Seek immediate medical advice.
Rinse out mouth and then drink plenty of water.

Information for Doctor

Most Important Symptoms and Effects, Both Acute and Delayed: No further relevant information available.

Indications of Any Immediate Medical Attention and Special Treatment Needed: No further relevant information available.

5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Agent: CO², extinguishing powder or water spray. Fight larger fires with water spray or alcohol-resistant foam.

Special Hazards Arising From The Substance or Mixture: No further relevant information available.

Advice for Firefighters

Protective Equipment: No special measures required.

6. ACCIDENTAL RELEASE MEASURES

Environmental Precautions: Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Dilute with plenty of 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.

Reference to Other Sections

*See section 7 for information on safe handling.
See section 8 for information on personal protection equipment.
See section 14 for disposal information.*

7. HANDLING AND STORAGE

Handling

Precautions for Safe Handling: No special measures required.

Information About Protection Against Explosions and Fired: No special measures required.

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: Protect from frost.

Specific End Use(s): No further relevant information.

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: **9006-04-6 – Polyisoprene**
 TLV (USA) Long-Term Value: 0.0001* mg/m³
 Skin; DSEN, RSEN;
 *inh. fraction


Additional Information: See Section 10.
 The lists that were valid during creation were used as basis.

Exposure Controls

Personal Protective Equipment

General Protective and Hygienic Measures: The usual precautionary measures for handling chemicals should be followed. Wash hands before breaks and at the end of work.

Breathing Equipment: Not necessary if room is well-ventilated.

Protection of Hands:  Protective Gloves. Preventative skin protection by use of skin-protecting agents is recommended.

Material of Gloves: Rubber 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:



Safety Glasses.

Body Protection: Protective work clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

General Information

Appearance:	Form: Pasty Color: White
Odor:	Characteristic
Odor Threshold:	Not determined.
pH Value at 20 °C (68 °F):	7.9 (ISO 976).
Change In Condition:	Melting Point/Range: Undetermined Boiling Point/Range: 100° C (212° F)
Flash Point:	Not applicable.
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Auto-igniting:	Product is not self-igniting.
Danger of explosion:	Product does not present an explosion hazard.
Explosion Limits:	Lower: Not determined. Upper: Not determined.
Vapor Pressure at 20 °C (68 °F):	23 hPa (17 mm Hg).
Density at 20 °C (68 °F):	1.1 g/cm ³ (9.18 lbs/gal) (EN ISO 2811-1)
Relative Density:	Not determined.
Vapor Density:	Not determined.
Evaporation Rate:	Not determined.
Solubility in / Miscibility With Water:	Fully miscible.
Partition Coefficient (n-octanol/water):	Not determined.
Viscosity:	Dynamic at 20 °C (68 °F): 23000 mPas (ISO 2555) Kinematic: Not determined.
Solvent Content:	Organic Solvents: 0.0%

Water: 51.6%
VOC Content: 0.00%

Solids Content: 48.4 % (DIN EN 827.8.2)

Other Information

No further relevant information.

10. STABILITY AND REACTIVITY

Reactivity: No further information available.

Chemical Stability

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

Acute Toxicity: LD/LC50 Values That Are Relevant for Classification:
14324-55-1 zinkbis(diethyldithiocarbamate)
Oral LD50: 2280 mg/kg (rat)
Dermal LD50: >2000 mg/kg (rat)

Primary Irritant Effect

On the Skin: Based on available data, the classification criteria are not met.

On the Eye: Based on available data, the classification criteria are not met.

Sensitization: Based on available data, the classification criteria are not met.

Additional Toxicological Information

The product is not subject to classification according to internally approved calculation methods for preparations.

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Carcinogenic Categories

IARC (International Agency for Research on Cancer): None of the ingredients are listed.

NTP (National Toxicology Program): None of the ingredients are listed.

OSHA-Ca (Occupational Safety & Health Administration): None of the ingredients are listed.

12. ECOLOGICAL INFORMATION

Toxicity

Aquatic Toxicity: **14324-55-1 zinkbis(diethylthiocarbamate)**
 LC50/96h: 0.23 mg/l (Oncorhynchus mykiss)
 (OECD RL 203)
 EC50/48h: 0.24 mg/l (Daphnia magna)
 EC50/96h: 1.1 mg/l (Chlorella vulgaris)
 IC50/96h: 1.1 mg/l (Chlorella Pyrenoidosa)

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.

Ecotoxicological Effects

Remarks: Toxic to fish.

Additional Ecological Information

General Noted: 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: Smaller quantities can be disposed of with household waste.

Uncleaned Packagings

Recommendation: Disposal must be made according to official regulations.

Recommended Cleaning Agent: Water, if necessary, with cleansing agents.

14. TRANSPORT INFORMATION

UN Number: Void.

UN Proper Shipping Name: Void.

Transport Hazard Class(es):	Void.
Class:	Void.
Packing Group:	Void.
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.
Transport/Additional information:	Not dangerous according to the above specifications.
DOT Remarks:	Not regulated.
ADR Remarks:	Not regulated.
IMDG Remarks:	Not regulated.
IATA Remarks:	Not regulated.
UN "Model Regulation":	Void.

15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

SARA Section 355 (Extremely Hazardous Substances):	None of the ingredients are listed.
SARA Section 313 (Specific Toxic Chemical Listings):	None of the ingredients are listed.
TSCA (Toxic Substances Control Act):	All ingredients are listed or are not required to be listed on the TSCA inventory.
CA Proposition 65 – Chemicals Known to Cause Cancer:	None of the ingredients are listed.
Chemicals Known to Cause Reproductive Toxicity for Females:	None of the ingredients are listed.
Chemicals Known to Cause Reproductive Toxicity for Males:	None of the ingredients are listed.
Chemicals Known to Cause Developmental Toxicity:	None of the ingredients are listed.
New Jersey Right-to-Know List:	None of the ingredients are listed.
New Jersey Special Hazardous Substance List:	None of the ingredients are listed.
Pennsylvania Right-to-Know List:	None of the ingredients are listed.
Pennsylvania Special Hazardous Substance List:	None of the ingredients are listed.
GHS Label Elements:	The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard Pictograms:



GHS07

Signal Word: Warning

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National Regulations: VOC (EU): 0.0 g/l
VOC (US): 0.0 g/l – 0.00 lb/gal

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

16. OTHER INFORMATION

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.

Relevant Phrases: H302 – Harmful if swallowed.
H315 – Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 – Causes serious eye irritation.
H335 – May cause respiratory irritation.
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Date of Last Revision: Friday, August 17, 2018

Abbreviations and Acronyms: ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
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)
MAL-Code: Måleteknisk Arbejdshygiejnisk Luftbehov (Regulation for the labeling concerning inhalation hazards, Denmark)
PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative OSHA: Occupational Safety & Health
TLV: Threshold Limit Value PEL: Permissible Exposure Limit
REL: Recommended Exposure Lim