

### 1. IDENTIFICATION

<b>Product Name:</b>	MW 3012
<b>Product Description:</b>	Modified Silane Resilient Flooring Adhesive
<b>Product Application:</b>	Adhesives
<b>Supplier:</b>	Lititz Flooring Company 215 Bucky Dr. Lititz, PA 17543 support@lititzflooring.com
<b>Information Department:</b>	Technical Department
<b>Supplier Phone Number:</b>	+1 800.492.2613
<b>Supplier Fax Number:</b>	+1 717.627.5007
<b>Supplier General Email:</b>	support@lititzflooring.com
<b>Emergency Phone Numbers:</b>	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:** 3-aminopropyltriethoxysilane

**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	1
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
919-30-2	3-aminopropyltriethoxysilane	Skin Corr. 1B, H314; Acute Tox. 4, H302; Skin Sens. 1,	>.025 - <1%
52829-07-9	Bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate	Eye Dam. 1, H318; Aquatic Chronic 1, H410	>.025 - <1%
162627-31-8	Poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, monoC13-15-alkyl ethers, butanedioates	Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Eye Irrit. 2, H319	>0.1–<0.25%

## 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:** CO<sup>2</sup>, 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/m<sup>3</sup>  
 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):** Not determined.

**Change In Condition:** Melting Point/Range: Undetermined  
Boiling Point/Range: 394° C (741° F)

**Flash Point:** >200°

**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):** Not determined.

**Density at 20 °C (68 °F):** 1.38 g/cm<sup>3</sup> (11.51 lbs/gal) (EN ISO 2811-1)

**Relative Density:** Not determined.

**Vapor Density:** Not determined.

**Evaporation Rate:** Not determined.

**Solubility in / Miscibility With Water:** Not miscible or difficult to mix.

**Partition Coefficient (n-octanol/water):** Not determined.

**Viscosity:** Dynamic at 20 °C (68 °F): 180,000 mPas (ISO 2555)  
Kinematic: Not determined.

**Solvent Content:** Organic Solvents: 0.0%  
VOC Content: 0.00%

**Solids Content:** 98.8 % (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:  
**919-30-2 3-aminopropyltriethoxysilane**  
Oral LD50 1,490–2,690 mg/kg (rat) (EPA)  
Dermal LD50 4,076 mg/kg (rabbit) (EPA)  
Inhalative LC50/6h >144 mg/l (rat) (OECD TG 403)

**52829-07-9 Bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate**

Oral LD50 >2,000 mg/kg (rat)  
Dermal LD50 >2,000 mg/kg (rat)

**162627-31-8 Poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-C13-15-alkyl ethers, butanedioates**

Oral LD50 >4,000 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

· **Subacute to chronic toxicity:**

**919-30-2 3-aminopropyltriethoxysilane**

Oral NOAEL/90d 200 mg/kg (rat) (OECD RG 408)

· **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

· **Germ cell mutagenicity** Based on available data, the classification criteria are not met.

· **Carcinogenicity** Based on available data, the classification criteria are not met.

· **Reproductive toxicity** Based on available data, the classification criteria are not met.

· **STOT-single exposure** Based on available data, the classification criteria are not met.

· **STOT-repeated exposure** Based on available data, the classification criteria are not met.

· **Aspiration hazard** Based on available data, the classification criteria are not met

## 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

<b>Aquatic Toxicity:</b>	<b>919-30-2 3-aminopropyltriethoxysilane</b>
	LC0/96h >934 mg/l (Brachydanio rerio) (OECD TG 203)
	EC50/48h 331 mg/l (Daphnia magna) (OECD TG 202)
	EC50/72h >1,000 mg/l (Scenedesmus subspicatus) (OECD TG 201)
	EC10/5h 13 mg/l (Pseudomonas putida)
	NOEC/72h 1.3 mg/l (Scenedesmus subspicatus) (OECD TG 201)
	<b>52829-07-9 Bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate</b>
	NOEC/21d (static) 0.23 mg/l (Daphnia magna) (OECD RL 211)
	LC50/96h 4.4 mg/l (Leuciscus macrochirus) (OECD RL 203)
	EC50/48h 8.6 mg/l (Daphnia magna) (OECD RL 202 T1)
	EC50/3h >100 mg/l (sludge) (OECD RL 209)
	EC50/72h 0.705 mg/l (Scenedesmus subspicatus) (RL 92/69/EWG, C.3)

**162627-31-8 Poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-C13-15-alkyl ethers, butanedioates**

LC50/96h (static) 3.5 mg/l (Oncorhynchus mykiss) (OECD 203)

ErC50/72h >0.78 mg/l (Selenastrum capricornutum)

**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.  
Harmful to aquatic organisms

**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 together with household garbage. Do not allow product to reach sewage system. Must be specially treated adhering to official regulations.

### 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.



<b>UN Proper Shipping Name:</b>	Void.
<b>Transport Hazard Class(es):</b>	Void.
<b>Class:</b>	Void.
<b>Packing Group:</b>	Void.
<b>Environmental Hazards:</b>	Not applicable.
<b>Special Precautions for User:</b>	Not applicable.
<b>Transport in Bulk According to Annex II of MARPOL73/78 and the IBC Code:</b>	Not applicable.
<b>Transport/Additional information:</b>	Not dangerous according to the above specifications.
<b>DOT Remarks:</b>	Not regulated.
<b>ADR Remarks:</b>	Not regulated.
<b>IMDG Remarks:</b>	Not regulated.
<b>IATA Remarks:</b>	Not regulated.
<b>UN "Model Regulation":</b>	Void.

## 15. REGULATORY INFORMATION

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

<b>SARA Section 355 (Extremely Hazardous Substances):</b>	None of the ingredients are listed.
<b>SARA Section 313 (Specific Toxic Chemical Listings):</b>	None of the ingredients are listed.
<b>TSCA (Toxic Substances Control Act):</b>	All ingredients are listed or are not required to be listed on the TSCA inventory.
<b>CA Proposition 65 – Chemicals Known to Cause Cancer:</b>	None of the ingredients are listed.
<b>Chemicals Known to Cause Reproductive Toxicity for Females:</b>	None of the ingredients are listed.
<b>Chemicals Known to Cause Reproductive Toxicity for Males:</b>	None of the ingredients are listed.
<b>Chemicals Known to Cause Developmental Toxicity:</b>	None of the ingredients are listed.
<b>New Jersey Right-to-Know List:</b>	None of the ingredients are listed.
<b>New Jersey Special Hazardous Substance List:</b>	None of the ingredients are listed.
<b>Pennsylvania Right-to-Know List:</b>	None of the ingredients are listed.
<b>Pennsylvania Special Hazardous Substance List:</b>	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

**Hazardous Components for Labeling:** 3-aminopropyltriethoxysilane

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P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

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

**Date of Last Revision:** November 25, 2019

**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