

G64130 BBWFA Bostiks Best Wood Floor Adh. Revision Date 05-May-2017 Supersedes Date: 18-Oct-2016

Version 4

# Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product Identifier

**Product Name**Bostiks Best Wood Floor Adh.

Product Code G64130 BBWFA

**Product(s) Covered**See section 16 for more information

### 1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended use Adhesives, sealants.
Uses Advised Against No information available

### 1.3. Details of the Supplier of the Safety Data Sheet

## **Responsible Party**

Bostik Inc.

11320 W. Watertown Plank Road Wauwatosa, Wisconsin 53226 USA

Phone: +1 (800) 843-0844 (Domestic Toll Free) Phone: +1 (414) 774-2250 (International)

Fax: +1 (414) 774-8075

E-mail msds@bostik-us.com

## 1.4. Emergency Telephone Number

Telephone: 1-800-227-0332 (Outside U.S.) 1-703-527-3887

## Section 2: HAZARD IDENTIFICATION

### 2.1. Classification of the Substance or Mixture

Respiratory sensitization	Category 1
Skin sensitization	Category 1
Reproductive Toxicity	Category 1B
Flammable Liquids	Category 4

## 2.2. Label Elements

### **EMERGENCY OVERVIEW**

## DANGER

## Hazard statements

May cause allergy or asthma symptoms or breathing difficulties if inhaled May cause an allergic skin reaction May damage fertility or the unborn child Combustible liquid

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Appearance Paste

Physical State Liquid

Odor No information available

#### **Precautionary Statements - Prevention**

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Use personal protective equipment as required

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

In case of inadequate ventilation wear respiratory protection

Contaminated work clothing should not be allowed out of the workplace

Wear protective gloves

Keep away from heat/sparks/open flames/hot surfaces. — No smoking

## **Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

Specific treatment (see first aid measures on this label)

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

In case of fire: Use CO2, dry chemical, or foam to extinguish.

### **Precautionary Statements - Storage**

Store locked up

Store in a well-ventilated place. Keep cool

## **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

## **Hazards Not Otherwise Classified (HNOC)**

Not applicable

## Unknown acute toxicity

27% of the mixture consists of ingredient(s) of unknown toxicity

## 2.3. Other Information

Causes mild skin irritation.

### Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Mixture

## 3.2 Mixtures

Chemical Name	CAS No.	Weight-%
Limestone	1317-65-3	30 - 60
Naphtha, petroleum, heavy alkylate	64741-65-7	3 - 7
Benzenesulfonyl isocyanate, 4-methyl-	4083-64-1	0.1 - 1

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Dibutyltin dilaurate	77-58-7	0.1 - 1
Quartz	14808-60-7	0.1 - 1

The exact percentage (concentration) of composition has been withheld as a trade secret.

## Section 4: FIRST AID MEASURES

#### 4.1. Description of First Aid Measures

General Advice Remove and isolate contaminated clothing and shoes. Call a POISON CENTER or

doctor/physician.

Eye contact In case of contact with substance, immediately flush skin or eyes with running water for at

least 20 minutes. If eye irritation persists: Get medical advice/attention.

**Skin Contact**Wash off immediately with soap and plenty of water while removing all contaminated

clothes and shoes. Wash contaminated clothing before reuse. May cause sensitization by

skin contact. In the case of skin irritation or allergic reactions see a physician.

**Inhalation** Move victim to fresh air. Administer oxygen if breathing is difficult. If breathing is irregular or

stopped, administer artificial respiration.

Ingestion Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth

to an unconscious person. Do NOT induce vomiting. If symptoms persist, call a physician.

Self-protection of the First Aider Ensure that medical personnel are aware of the material(s) involved and take precautions to

protect themselves.

4.2. Most Important Symptoms and Effects, Both Acute and Delayed

**Symptoms** No information available.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

Note to physicians May cause sensitization by inhalation and skin contact.

4.4. Reference to Other Sections

Reference to Other Sections Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Section 11: TOXICOLOGY INFORMATION

## Section 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing Media

#### **Suitable Extinguishing Media**

Dry chemical, CO2, water spray or regular foam. Move containers from fire area if you can do it without risk. Water spray, fog or regular foam. Use water spray or fog; do not use straight streams.

### **Unsuitable Extinguishing Media**

CAUTION: All these products have a very low flash point. Use of water spray when fighting fire may be inefficient.

#### 5.2. Special Hazards Arising from the Substance or Mixture

### **Specific Hazards Arising from the Chemical**

Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard. May cause sensitization by inhalation and skin

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contact.

**Explosion Data** 

Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge None.

#### 5.3. Advice for Firefighters

#### **Protective Equipment and Precautions for Firefighters**

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

### Section 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions

Use personal protective equipment as required. ELIMINATE all ignition sources (no

smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Stop leak if

you can do it without risk.

Other Information Water spray may reduce vapor; but may not prevent ignition in closed spaces.

6.2. Environmental Precautions

**Environmental Precautions** Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for

additional Ecological Information.

#### 6.3. Methods and Material for Containment and Cleaning up

**Methods for Containment**Dike far ahead of liquid spill for later disposal. A vapor suppressing foam may be used to

reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and

transfer to containers. Protect from moisture.

Methods for Cleaning up

Use personal protective equipment as required. Soak up with inert absorbent material. Use

clean non-sparking tools to collect absorbed material. Pick up and transfer to properly

labeled containers. Clean contaminated surface thoroughly.

6.4. Reference to other sections

Reference to Other Sections Section 7: HANDLING AND STORAGE

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Section 13: DISPOSAL CONSIDERATIONS

### Section 7: HANDLING AND STORAGE

#### 7.1. Precautions for Safe Handling

hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wash contaminated clothing before reuse. Do not breathe dust/fume/gas/mist/vapors/spray. Ensure adequate ventilation, especially in confined areas. Use with local exhaust ventilation. All equipment used when handling the product must be grounded. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Take necessary action to avoid static electricity

discharge (which might cause ignition of organic vapors).

### 7.2. Conditions for Safe Storage, including any Incompatibilities

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Storage Conditions Keep in properly labeled containers. Keep out of the reach of children. Keep away from

heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep containers tightly closed in a cool, well-ventilated place. Protect from

direct contact with water or excessive moisture.

Incompatible Materials Water. Alcohols. Strong bases. Strong oxidizing agents. Finely powdered metals.

7.3. Specific End Use(s)

Other Information No information available.

7.4. References to Other Sections

Reference to Other Sections Section 13: DISPOSAL CONSIDERATIONS

Section 10: STABILITY AND REACTIVITY

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

**Exposure Guidelines** 

. As Quartz (14808-60-7) is inextricably bound in the polymer matrix, it is not expected to be available as an airborne hazard (dust, mist, or spray) under normal condition of uses. As Limestone CAS 1317-65-3 is inextricably bound in the polymer matrix, it is not expected to be available as an airborne hazard (dust, mist, or spray) under normal condition of uses.

Chemical Name	ACGIH TLV	NIOSH IDLH	OSHA PEL	Mexico
Limestone	-	TWA: 10 mg/m <sup>3</sup> total dust	TWA: 15 mg/m³ total dust	TWA: 10 mg/m <sup>3</sup>
1317-65-3		TWA: 5 mg/m³ respirable	TWA: 5 mg/m³ respirable	STEL: 20 mg/m <sup>3</sup>
		dust	fraction	
Dibutyltin dilaurate	STEL: 0.2 mg/m <sup>3</sup> Sn	IDLH: 25 mg/m <sup>3</sup> Sn	TWA: 0.1 mg/m <sup>3</sup> Sn	TWA: 0.1 mg/m <sup>3</sup>
77-58-7	TWA: 0.1 mg/m <sup>3</sup> Sn	TWA: 0.1 mg/m <sup>3</sup> except		STEL: 0.2 mg/m <sup>3</sup>
	S*	Cyhexatin Sn		_
Quartz	TWA: 0.025 mg/m <sup>3</sup>	IDLH: 50 mg/m <sup>3</sup> respirable	TWA: 50 μg/m³ TWA: 50	TWA: 0.1 mg/m <sup>3</sup>
14808-60-7	respirable particulate matter	dust	µg/m³ excludes	
		TWA: 0.05 mg/m <sup>3</sup>	construction work,	
		respirable dust	agricultural operations, and	
			exposures that result from	
			the processing of sorptive	
			clays	
			: (250)/(%SiO2 + 5) mppcf	
			TWA respirable fraction	
			: (10)/(%SiO2 + 2) mg/m <sup>3</sup>	
			TWA respirable fraction	

Chemical Name	Argentina	Brazil	Chile	Venezuela
Limestone	TWA: 10 mg/m <sup>3</sup>	-	TWA: 8 mg/m <sup>3</sup>	-
1317-65-3				
Dibutyltin dilaurate	TWA: 0.1 mg/m <sup>3</sup>	-	TWA: 0.08 mg/m <sup>3</sup>	Skin
77-58-7	Skin		Skin	STEL: 0.2 mg/m <sup>3</sup>
	STEL: 0.2 mg/m <sup>3</sup>			TWA: 0.1 mg/m <sup>3</sup>
Quartz	TWA: 0.05 mg/m <sup>3</sup>	-	TWA: 0.08 mg/m <sup>3</sup>	TWA: 0.025 mg/m <sup>3</sup>
14808-60-7				

## 8.2. Exposure Controls

Engineering Controls Showers

Eyewash stations Ventilation systems.

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**Respiratory Protection** 

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Personal protective equipment [PPE]

**Eye/Face Protection** Tight sealing safety goggles.

Skin and Body Protection Wear suitable chemical resistant gloves. The selection of suitable gloves does not only

depend on the material, but also on further marks of quality and various manufacturers. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be

provided in accordance with current local regulations.

General Hygiene Considerations Use personal protective equipment as required. Handle in accordance with good industrial

hygiene and safety practice. When using do not eat, drink or smoke. Avoid contact with skin, eyes or clothing. Wash face, hands and any exposed skin thoroughly after handling. Wash contaminated clothing before reuse. Regular cleaning of equipment, work area and

Not applicable for liquids

clothing is recommended.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State Liquid
Appearance Paste
Color Amber

Odor No information available
Odor Threshold No information available

Property Values Remarks • Method

pH No information available
Melting Point/Freezing Point No information available
No information available
> 172 °C / 341.6 °F
Flash Point > 61.1 °C / > 142 °F
Evaporation Rate No information available

Flammability (solid, gas) No information available

Flammability Limit in Air

Upper Flammability Limit
Lower Flammability Limit
Vapor Pressure
Vapor Density
Relative Density
Water Solubility

No information available

Solubility in Other Solvents

Partition Coefficient
Autoignition Temperature
Decomposition Temperature
Kinematic Viscosity

No information available
No information available
No information available
No information available

Dynamic Viscosity No information available

Explosive Properties No information available Oxidizing Properties No information available

9.2. Other Information

Softening Point
Molecular Weight
Solvent Content (%)

No information available
No information available
No information available

Solid Content (%) 93.0

**Density** 1.508 g/cm<sup>3</sup> **VOC** 20 g/L

## Section 10: STABILITY AND REACTIVITY

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### 10.1. Reactivity

None under normal use conditions.

#### 10.2. Chemical Stability

Stable under recommended storage conditions.

## 10.3. Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization Hazardous polymerization may occur.

### 10.4. Conditions to Avoid

Heat, flames and sparks. Keep from any possible contact with water. Extremes of temperature and direct sunlight. Storage near to reactive materials. Protect from moisture.

#### 10.5. Incompatible Materials

Water. Alcohols. Strong bases. Strong oxidizing agents. Finely powdered metals.

### 10.6. Hazardous Decomposition Products

Carbon monoxide. Carbon dioxide (CO2). Nitrogen oxides (NOx). Hydrogen cyanide. Thermal decomposition can lead to release of irritating and toxic gases and vapors.

## Section 11: TOXICOLOGY INFORMATION

#### 11.1. Information on Toxicological Effects

Product InformationNo Data AvailableInhalationNo Data AvailableEye contactNo Data AvailableSkin ContactNo Data AvailableIngestionNo Data Available

### **Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Limestone 1317-65-3	>5000 mg/kg (rat)	-	-
Naphtha, petroleum, heavy alkylate 64741-65-7	> 7000 mg/kg (Rat)	> 2000 mg/kg ( Rabbit )	> 5.04 mg/L (Rat)4 h
Benzenesulfonyl isocyanate, 4-methyl- 4083-64-1	= 2234 mg/kg ( Rat )	-	> 640 ppm (Rat)1 h
Dibutyltin dilaurate 77-58-7	= 2071 mg/kg (Rat)	> 2000 mg/kg (Rat)	-
Quartz 14808-60-7	>2000 mg/kg (Rat)	-	-

### Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Symptoms
Skin Corrosion/Irritation
Serious Eye Damage/Eye Irritation
Irritation
No information available.
No information available.
No information available.
No information available.

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Corrosivity No information available. Sensitization No information available. No information available. **Germ Cell Mutagenicity Reproductive Toxicity** No information available. **Developmental Toxicity** No information available. **Teratogenicity** No information available. **STOT - Single Exposure** No information available.

**STOT - Repeated Exposure** No information available.

**Chronic Toxicity** Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated

exposure. Repeated or prolonged exposure may cause central nervous system damage.

Repeated or prolonged contact causes sensitization, asthma and eczemas.

Eyes, Respiratory system, Skin, Central nervous system. **Target Organ Effects** No information available. **Aspiration Hazard** 

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

As Quartz (14808-60-7) is inextricably bound in the polymer matrix, it is not expected to be available as an airborne hazard (dust, mist, or spray) under normal condition of uses.

Chemical Name	ACGIH	IARC	NTP	OSHA
Quartz	A2	Group 1	Known	X
14808-60-7		•		

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans NTP (National Toxicology Program) Known - Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

## Section 12: ECOLOGICAL INFORMATION

## 12.1. Toxicity

No information available

Chemical Name	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea
Limestone	CE50 (72h) >200mg/L Algae	CL50 (96h)>10000mg/L Fish		CE50 (48h) >1000 mg/L
1317-65-3	(Desmondesmus	(Oncorhynchus mykiss)		Daphnia Magna
	subspicatus)			
Naphtha, petroleum, heavy	EC50 72 h = 30000 mg/L			LC50 48 h = 2 mg/L
alkylate	(Pseudokirchneriella			(Mysidopsis bahia)
64741-65-7	subcapitata)			, , , , , ,
Dibutyltin dilaurate		LC50 48 h = 2 mg/L (Oryzias		
77-58-7		latipes)		

#### 12.2. Persistence and Degradability

No information available.

### 12.3. Bioaccumulative Potential

No information available.

## 12.4. Mobility in Soil

No information available.

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12.5 Other adverse effects

No information available

## Section 13: DISPOSAL CONSIDERATIONS

#### 13.1. Waste Treatment Methods

**Disposal of Wastes**It is the responsibility of the waste generator to determine the toxicity and physical

properties of the material generated to determine the proper waste identification and

disposal methods in compliance with applicable regulations

Contaminated Packaging Dispose of in accordance with federal, state and local regulations

## Section 14: TRANSPORTATION INFORMATION

**Note:** 49 CFR 173.150(f)(2) "The requirements in this subchapter do not apply to a material

classed as a combustible liquid in a non-bulk packaging unless the combustible liquid is a

hazardous substance, a hazardous waste, or a marine pollutant."

DOT

UN/ID No NA1993

Hazard Class Combustible liquid

Packing Group

Special Provisions IB3, T1, T4, TP1

**Description** NA1993, Combustible liquid, n.o.s. (Naphtha, petroleum, heavy alkylate), Combustible

liquid, III, 128

**Emergency Response Guide** 

Number

IMDG Not regulated

Not regulated

## Section 15: REGULATORY INFORMATION

### **Global Inventories**

TSCA	Listed
DSL	Listed

### Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL** - Canadian Domestic Substances List

**Listed** - The components of this product are either listed or exempt from listing on inventory.

Not Listed - One or more components of this product are not listed on inventory.

#### Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

## **WHMIS Hazard Class**

B3 - Combustible liquid D2A - Very toxic materials

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## United States of America

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### SARA 311/312 Hazard Categories

Acute Health Hazard	yes
Chronic Health Hazard	yes
Fire Hazard	yes
Sudden release of pressure hazard	No
Reactive Hazard	No

## **California Proposition 65**

This product contains one or more of the substances listed on Proposition 65 at or above 0.01 wt. %

Chemical Name	CAS No.
1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters, C10-rich	68515-49-1
Quartz	14808-60-7
N-(trichlloromethylthio)phthalimide	133-07-3

#### Europe

## Restrictions of Use of Hazardous Substances (RoHS) Directive 2011/65/EU

This product does not contain Lead (7439-92-1), Cadmium (7440-43-9), Mercury (7439-97-6), Hexavalent chromium (7440-47-3), Polybrominated biphenyls (PBB), and Polybrominated diphenyl ethers (PBDE) above the regulated limit mentioned in this regulation.

## EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## Section 16: OTHER INFORMATION

### Product(s) Covered

A38910	BEST FCt10.1OZ/C24
A38921	BEST FCt28OZ/C12
A39000	BEST FCt10.1OZ/C12
G64130-BU	BEST MP5GL/P36
G64130-BUC	BEST Ca MP5GL/P24
G64140-95L	BEST MD52GL(654LB)/P3
G64140-DZ	BEST MP5GL/P36
G64140-DZC	BEST Ca MP5GL/P36

HMIS Health Hazards 2\* Flammability 2 Physical Hazards 0 Personal Protection X

Key or Legend to Abbreviations and Acronyms Used in the Safety Data Sheet

No information available

#### **Key Literature References and Sources for Data**

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No information available

Prepared By Product Safety & Regulatory Affairs

Revision Date 05-May-2017

**Revision Note** SDS sections updated, 2, 3, 4, 7, 8, 11.

Training Advice No information available

Additional information No information available

#### **Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**