1. Identification

1.1. Product Identifier

Product Name: WOOD-TACK (TM)

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use: Adhesives.
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.com

1.4. Emergency telephone number

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

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

<table>
<thead>
<tr>
<th>Skin sensitization</th>
<th>Category 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carcinogenicity</td>
<td>Category 2</td>
</tr>
</tbody>
</table>

2.2. Label Elements

WARNING

Hazard statements
May cause an allergic skin reaction
Suspected of causing cancer

Appearance: Paste
Physical State: Liquid
Odor: Characteristic
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
Contaminated work clothing should not be allowed out of the workplace
Wear protective gloves

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.

Precautionary Statements - Storage
Store locked up

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)
Not applicable

Unknown acute toxicity
10 % 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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone</td>
<td>1317-65-3</td>
<td>15 - 40</td>
</tr>
<tr>
<td>Rosin</td>
<td>8050-09-7</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Vinyl acetate</td>
<td>108-05-4</td>
<td>0.1 - 1</td>
</tr>
</tbody>
</table>

*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

Eye contact
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

Skin contact
Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician. Wash off immediately with soap and plenty of water.

Inhalation
Remove to fresh air. If symptoms persist, call a physician.

Ingestion
Do NOT induce vomiting. Drink plenty of water. Immediate medical attention is not required. Rinse mouth.
Self-Protection of the First Aider Use personal protective equipment as required.

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 of susceptible persons. May cause sensitization by skin contact. Treat symptomatically.

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 Water spray (fog). Carbon dioxide (CO2). Foam. Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media None known.

5.2. Special hazards arising from the substance or mixture

Specific Hazards Arising from the Chemical Thermal decomposition can lead to release of irritating and toxic gases and vapors. Product is or contains a sensitizer. May cause sensitization by skin contact. In the event of fire and/or explosion do not breathe fumes. May cause sensitization by inhalation and skin contact. Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Hazardous Combustion Carbon monoxide. Carbon dioxide (CO2). Hydrocarbons.

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. Avoid contact with eyes and skin.

6.2. Environmental precautions

Environmental Precautions Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system.
6.3. Methods and material for containment and cleaning up

Methods for Containment  Prevent further leakage or spillage if safe to do so.

Methods for cleaning up  Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Soak up with inert absorbent material.

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

Advice on safe handling  Use personal protective equipment as required. Ensure adequate ventilation, especially in confined areas.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions  Keep out of the reach of children. Keep container tightly closed. Keep containers tightly closed in a cool, well-ventilated place.


7.3. Specific end use(s)

Specific Use(s)  Adhesives.

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  This product contains substances which in their raw state are powder form, however in this product they are in a non-respirable form. Inhalation of powder/dust particles is unlikely to occur from exposure to this product.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>NIOSH IDLH</th>
<th>OSHA PEL</th>
<th>Mexico</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone</td>
<td>-</td>
<td>TWA: 10 mg/m³ total dust</td>
<td>TWA: 15 mg/m³ total dust</td>
<td>TWA: 10 mg/m³</td>
</tr>
<tr>
<td></td>
<td>1317-65-3</td>
<td>TWA: 5 mg/m³ respirable</td>
<td>TWA: 5 mg/m³ respirable</td>
<td>STEL: 20 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>dust</td>
<td>fraction</td>
<td></td>
</tr>
<tr>
<td>Rosin</td>
<td>-</td>
<td>TWA: 0.1 mg/m³ Formaldehyde</td>
<td>-</td>
<td>TWA: 0.1 mg/m³</td>
</tr>
<tr>
<td>8050-09-7</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vinyl acetate</td>
<td>STEL: 15 ppm</td>
<td>Ceiling: 4 ppm 15 min</td>
<td>Ceiling: 15 mg/m³ 15 min</td>
<td>TWA: 10 ppm</td>
</tr>
<tr>
<td>108-05-4</td>
<td>TWA: 10 ppm</td>
<td>Ceiling: 15 mg/m³ 15 min</td>
<td>-</td>
<td>TWA: 30 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STEL: 20 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STEL: 60 mg/m³</td>
</tr>
</tbody>
</table>
Safety Data Sheet

WOOD-TACK (TM)
Revision Number 1
Revision Date 15-Oct-2018
Supersedes Date: 15-Oct-2018

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Argentina</th>
<th>Brazil</th>
<th>Chile</th>
<th>Venezuela</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone 1317-65-3</td>
<td>TWA: 10 mg/m³</td>
<td>-</td>
<td>TWA: 7 mg/m³</td>
<td>-</td>
</tr>
<tr>
<td>Rosin 8050-09-7</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>TWA:</td>
</tr>
<tr>
<td>Vinyl acetate 108-05-4</td>
<td>TWA: 10 ppm</td>
<td>STEL: 15 ppm</td>
<td>-</td>
<td>STEL: 15 ppm TWA: 10 ppm</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

**Engineering Controls**  
Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas. Use explosion-proof ventilating equipment.

**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.

**Respiratory Protection**  
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**  
When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Paste</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>8.0  9.0</td>
<td></td>
</tr>
<tr>
<td>Melting point / freezing point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>100 °C / 212 °F</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt; 100 °C / &gt; 212 °F</td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper flammability or explosive limits</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Lower flammability or explosive limits</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor Density</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Relative Density</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Insoluble in water</td>
<td></td>
</tr>
<tr>
<td>Solubility in Other Solvents</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Kinematic Viscosity</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Dynamic Viscosity</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>
Oxidizing Properties

No information available

9.2. Other information

Softening Point
No information available
Molecular Weight
No information available
Solvent content (%)
No information available
Solid content (%)
No information available
Density
1.23 g/cm³
VOC (volatile organic compound)
< 10 g/L

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

None under normal use conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Extremes of temperature and direct sunlight. Keep from freezing.

10.5. Incompatible materials


10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide (CO2). Hydrocarbons.

Section 11: TOXICOLOGY INFORMATION

11.1. Information on toxicological effects

Product Information

No data available
Inhalation
No data available.
Eye contact
No data available.
Skin contact
May cause sensitization by skin contact.
Ingestion
No data available.

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone 1317-65-3</td>
<td>&gt;5000 mg/kg (rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Rosin 8050-09-7</td>
<td>&gt;2800 mg/Kg (rat)</td>
<td>&gt; 2500 mg/kg (Rabbit)</td>
<td>= 1.5 mg/L (Rat) 4 h</td>
</tr>
<tr>
<td>Vinyl acetate 108-05-4</td>
<td>= 2900 mg/kg (Rat)</td>
<td>= 2335 mg/kg (Rabbit)</td>
<td>= 11.4 mg/L (Rat) 4 h = 3680 ppm (Rat) 4 h</td>
</tr>
</tbody>
</table>

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Symptoms

No information available.
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Supersedes Date: 15-Oct-2018

Skin corrosion/irritation
No information available.

Serious eye damage/eye irritation
No information available.

Irritation
No information available.

Corrosivity
No information available.

Sensitization
May cause sensitization by skin contact.

Germ Cell Mutagenicity
No information available.

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.

Target Organ Effects
Eyes, Respiratory system, Skin, Thyroid.

Aspiration hazard
No information available.

Carcinogenicity
The table below indicates whether each agency has listed any ingredient as a carcinogen. This product contains one or more substances which are classified by IARC as carcinogenic to humans (Group I), probably carcinogenic to humans (Group 2A) or possibly carcinogenic to humans (Group 2B).

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vinyl acetate</td>
<td>A3</td>
<td>Group 2B</td>
<td>-</td>
<td>X</td>
</tr>
<tr>
<td>108-05-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

ACGIH (American Conference of Governmental Industrial Hygienists)
A3 - Confirmed animal carcinogen with unknown relevance to humans
A2 - Suspected Human Carcinogen

IARC (International Agency for Research on Cancer)
Group 2B - Possibly Carcinogenic to Humans
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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Toxicity to Microorganisms</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone</td>
<td>CE50 (72h) &gt;200mg/L Algae (Desmondesmus subspicatus)</td>
<td>CL50 (96h) &gt;10000mg/L Fish (Oncorhynchus mykiss)</td>
<td>CE50 (48h) &gt;1000 mg/L Daphnia Magna</td>
<td></td>
</tr>
<tr>
<td>1317-65-3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rosin</td>
<td>EC50: =400mg/L (72h, Desmodesmus subspicatus)</td>
<td>LC50 (96h) &gt;10mg/L Fish (Danio rerio)</td>
<td>EC50 = 31.5 mg/L 30 min</td>
<td>EC50 48 h &gt; 100 mg/L (Daphnia magna )</td>
</tr>
<tr>
<td>8050-09-7</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vinyl acetate</td>
<td>LC50 96 h = 14 mg/L (Pimephales promelas static)</td>
<td>EC50 = 2080 mg/L 5 min</td>
<td>EC50 48 h = 12.6 mg/L (Daphnia magna )</td>
<td></td>
</tr>
<tr>
<td>108-05-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability
No information available.

12.3. Bioaccumulative potential
No information available.
12.4. Mobility in soil

No information available.

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: TRANSPORT INFORMATION

DOT

Not regulated

IATA

Not regulated

IMDG

Not regulated

Section 15: REGULATORY INFORMATION

Global Inventories

<table>
<thead>
<tr>
<th>TSCA</th>
<th>Listed</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSL</td>
<td>Not Listed</td>
</tr>
</tbody>
</table>

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.

United States of America

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vinyl acetate</td>
<td>108-05-4</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Health Hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Sudden release of pressure hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>No</td>
</tr>
</tbody>
</table>
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 contains one or more candidate substance(s) of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 59)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poly(oxy-1,2-ethanediyl), .alpha.- (4-nonylphenyl)-.omega.-hydroxy., branched</td>
<td>127087-87-0</td>
</tr>
</tbody>
</table>

Section 16: OTHER INFORMATION

Key or legend to abbreviations and acronyms used in the safety data sheet
No information available

Key Literature References and Sources for Data
No information available

Prepared By: Product Safety & Regulatory Affairs

Revision Date: 15-Oct-2018

Revision Note: Not applicable.

Training Advice: No information available

Further 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 a 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