



# Material Safety Data Sheet

Section 1. Chemical Product and Company Identification	
<b>Product Name</b> Adhesin 56-5551T	<b>Effective Date</b> 09/07/2006
<b>Product Use</b> Industrial Adhesive	<b>Supersedes</b> 09/07/2006
<b>Manufacturer</b> Henkel Adhesives 1345 Gasket Drive Elgin, IL 60120 (847) 608-0200	<a href="#">Transportation Emergency</a> ChemTrec: 800-424-9300  <a href="#">Non-Transportation Emergency</a> 847-468-9200

Section 2. Composition and Information on Ingredients			
Name	CAS #	% by Weight	Exposure Limits
Polyvinyl acetate dispersion	Mixture	100	See Section 8 (Exposure Controls/Personal protection)

Section 3. Hazards Identification	
<b>Physical State and Appearance</b>	White opaque liquid.
<b>Emergency Overview</b>	Non-flammable aqueous dispersion. This product does not present significant health hazard when handled using good industrial hygiene and safety practice. May cause mild irritation of eyes, skin or respiratory tract. May cause gastrointestinal irritation if swallowed.
<b>Routes of Exposure</b>	Eyes Skin Inhalation Ingestion
<b>Potential Acute Health Effects</b>	<p><b>Eyes</b> May cause mild eye irritation.</p> <p><b>Skin</b> May cause mild skin irritation.</p> <p><b>Inhalation</b> Inhalation of the spray mist may cause slight irritation of respiratory tract.</p> <p><b>Ingestion</b> May irritate the digestive tract if swallowed. Ingestion is not an expected route of entry in commercial or industrial uses.</p>
<b>Potential Chronic Health Effects</b>	There is no known chronic effect to humans from exposure to this product. Does not contain carcinogens listed by IARC, ACGIH, OSHA, NTP equal to or greater than 0.1%.

Section 4. First Aid Measures	
<b>Eye Contact</b>	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water. Get medical attention if symptoms persist.
<b>Skin Contact</b>	Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap.
<b>Inhalation</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
<b>Ingestion</b>	If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

**Continued on Next Page**

**Section 5. Fire Fighting Measures**

<b>Flammability of the Product</b>	Non-flammable.
<b>Auto-ignition Temperature</b>	Not applicable.
<b>Flash Points</b>	Not applicable.
<b>Flammable Limits</b>	Not applicable.
<b>Fire Fighting Media and Instructions</b>	Aqueous dispersion is non-flammable. If this product is involved in a fire, water, fog and foam are compatible extinguishing agents. During a fire, irritating and/or toxic gases and particulate may be generated by thermal decomposition or combustion.

**Section 6. Accidental Release Measures**

<b>Spill and Leak</b>	Use protective equipment to avoid direct skin contact. Avoid inhalation of vapors. Small spills can be absorbed with vermiculite, clay or other suitable non-biodegradable absorbent material, scooped up and placed in containers. For large spills dike ahead and collect liquid. Prevent entry into drains or waterways.
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**Section 7. Handling and Storage**

<b>Handling</b>	Avoid breathing vapors or spray mists. Use in a well-ventilated area. Wash thoroughly after handling.
<b>Storage</b>	Keep container tightly closed. Protect from freezing.

**Section 8. Exposure Controls/Personal Protection**

<b>Engineering Controls</b>	Use process enclosures, local exhaust ventilation, or other engineering controls to prevent exposures exceeding threshold limits indicated below:  Sucrose (CAS # 57-50-1). ACGIH (TLV) 10 mg/m <sup>3</sup> OSHA (PEL) 5 mg/m <sup>3</sup> (respirable fraction); 15 mg/m <sup>3</sup> (total dust).
<b>Personal Protection</b>	
<i>Eyes</i>	Safety glasses with side shields.
<i>Body</i>	Wear overalls or long sleeved shirt and long trousers.
<i>Respiratory</i>	A respirator is not needed if ventilation is sufficient. Wear NIOSH approved respirator if ventilation is inadequate.
<i>Hands</i>	Gloves, chemical resistant.
<i>Feet</i>	Safety shoes, chemical resistant.

**Section 9. Physical and Chemical Properties**

<b>Physical State and Appearance</b>	White opaque liquid.
<b>Odor</b>	Characteristic.
<b>Color</b>	White
<b>pH</b>	4 - 6
<b>Melting/Freezing Point</b>	Approx. 0°C (32°F)
<b>Specific Gravity</b>	1.08 (Water = 1)
<b>Vapor Pressure</b>	Not determined

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<b>Volatility</b>	Same as water.
<b>VOC</b>	< 1.90% (by weight)
<b>Viscosity</b>	900 cP @ 76°F
<b>Solubility</b>	See dispersion properties.
<b>Dispersion Properties</b>	Disperses in water.
<b>Boiling Point</b>	Approx. 100°C (212°F)
<b>Physical Chemical Comments</b>	The physical data presented above are typical values and should not be construed as product specifications.

### Section 10. Stability and Reactivity

<b>Stability and Reactivity</b>	The product is stable.
<b>Incompatibility with Various Substances</b>	Incompatible with oxidizing agents, strong acids and bases.
<b>Hazardous Decomposition Products</b>	Carbon dioxide, carbon monoxide and irritating and/or toxic gases and particulate may be generated by thermal decomposition or combustion.
<b>Hazardous Polymerization</b>	Will not occur.

### Section 11. Toxicological Information

<b>Toxicity to Animals</b>	No data available
<b>Chronic Effects on Humans</b>	There is no known chronic effect to humans from exposure to this product when occupational exposures are maintained at or below threshold levels.
<b>Other Toxic Effects on Humans</b>	No additional information.

### Section 12. Ecological Information

<b>Ecotoxicity</b>	No data available
<b>Toxicity of the Products of Biodegradation</b>	No data available

### Section 13. Disposal Considerations

<b>Waste Information</b>	This product is not a RCRA (40 CFR 261) hazardous waste when discarded in original purchased form. Processing, use or contamination of this product may change the hazard classification and waste management options. Discard in accordance with federal, state and local regulations.
<b>Consult your local or regional authorities.</b>	

### Section 14. Transport Information

<b>DOT Classification</b>	Not regulated
<b>Proper Shipping Name</b>	Not applicable.
<b>UN/NA Identification Number</b>	Not applicable.
<b>Packing group</b>	Not applicable.

**Section 15. Regulatory Information**

<b>U.S. Federal Regulations</b>	TSCA 8(b) inventory: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory. SARA 313 toxic chemical notification and release reporting: Vinyl acetate < 0.09%; Formaldehyde < 0.02%; Acetaldehyde < 0.05%
<b>State Regulations</b>	No additional information.
<b>California Prop. 65</b>	This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Acetaldehyde, Formaldehyde
<b>International Lists</b>	No additional information.

**Section 16. Other Information****Hazardous Material Information System (U.S.A.)**

Health	1
Fire Hazard	0
Reactivity	0
Personal Protection	

**National Fire Protection Association (U.S.A.)**

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[Transportation Emergency](#) ChemTrec: 800-424-9300

**Notice to Reader**

*To the best of our knowledge, the information contained herein is accurate. It is the users responsibility to determine suitability for the user's purpose and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. However, neither the above named supplier nor any of its subsidiaries assumes responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected to handling, storage, use, misuse or disposal of this product. If this product is used as a component in another product, this MSDS information may not be applicable.*