



Material Safety Data Sheet

Section 1. Chemical Product and Company Identification	
Product Name Adhesin 56-5551H	Effective Date 09/28/2006
Product Use Industrial Adhesive	Supersedes 09/28/2006
Company Address Henkel Adhesives 1345 Gasket Drive Elgin, IL 60120 (847) 608-0200	Transportation Emergency ChemTrec: 800-424-9300 Non-Transportation Emergency 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	
Physical State and Appearance	White opaque liquid.
Emergency Overview	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.
Routes of Exposure	Eyes Skin Inhalation Ingestion
Potential Acute Health Effects	<p><i>Eyes</i> May cause mild eye irritation.</p> <p><i>Skin</i> May cause mild skin irritation.</p> <p><i>Inhalation</i> Inhalation of the spray mist may cause slight irritation of respiratory tract.</p> <p><i>Ingestion</i> May irritate the digestive tract if swallowed. Ingestion is not an expected route of entry in commercial or industrial uses.</p>
Potential Chronic Health Effects	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	
Eye Contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water. Get medical attention if symptoms persist.
Skin Contact	Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	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.

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Section 5. Fire Fighting Measures

Flammability of the Product	Non-flammable.
Auto-ignition Temperature	Not applicable.
Flash Points	Not applicable.
Flammable Limits	Not applicable.
Fire Fighting Media and Instructions	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

Spill and Leak	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

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

Section 8. Exposure Controls/Personal Protection

Engineering Controls	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 ³ OSHA (PEL) 5 mg/m ³ (respirable fraction); 15 mg/m ³ (total dust).
Personal Protection	
<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

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

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Vapor Pressure	Not determined
Vapor Density	Not determined
Volatility	Same as water.
VOC	< 1.90% (by weight)
Evaporation Rate	Same as water
Viscosity	2,500 cP @ 76°F
Solubility	See dispersion properties.
Dispersion Properties	Disperses in water.
Boiling Point	Approx. 100°C (212°F)
Water/oil distribution coefficient	Not available.
Physical Chemical Comments	The physical data presented above are typical values and should not be construed as product specifications.

Section 10. Stability and Reactivity

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

Section 11. Toxicological Information

Product LC₅₀/LD₅₀	No data available
Toxicological Effects	There is no known chronic effect to humans from exposure to this product when occupational exposures are maintained at or below threshold levels.

Section 12. Ecological Information

Ecotoxicity	No data available
Toxicity of the Products of Biodegradation	No data available

Section 13. Disposal Considerations

Waste Information	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.
Consult your local or regional authorities.	

Section 14. Transport Information

DOT Classification	Not regulated
Proper Shipping Name	Not applicable.
UN/NA Identification Number	Not applicable.
Packing group	Not applicable.
Hazardous Substances Reportable Quantity	Not applicable
Special Provisions for Transport	No additional remark.
TDG Classification	Not a TDG controlled material.

Section 15. Regulatory Information

U.S. Federal Regulations	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%; Methanol < 0.003%
State Regulations	No additional information.
California Prop. 65	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
Canadian Regulatory Lists	Canadian Domestic Substances List (DSL): All components are listed or exempt.
WHMIS (Canada)	WHMIS Class: Not controlled 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.
International Regulations	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.)

Validated by Henkel Adhesives Regulatory Department on 9/28/2006.

Verified by Henkel Adhesives Regulatory Department.
Printed 9/28/2006.**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.