

Material Safety Data Sheet

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SECTION I

Product Number: Wilflex Hot-Tak Adhesive
Product Name: Wilflex Hot-Tak Adhesive
Chemical Family: Aerosol
Chemical Name: Mixture
Formula: Proprietary

SECTION II – Hazardous Ingredients

Ingredient	CAS Number	Percent (By Weight)	Occupational Exposure Limits	
			ACGIH TLV	OSHA PEL
Hexane	110-54-3	50.0%	50ppm	500ppm
Isobutane/Propane Mixture	75-28-5/74-98-6	20.0%	N/A	N/A
Dimethyl Ether	115-10-6	10.0%	N/A	N/A
Acetone	67-64-1	15.0%	500ppm	1000ppm

SECTION III --- Physical Data

Appearance: Light Amber
Specific Gravity: 0.7487
VOC content 70.0% by weight, 481 grams/ liter total product

Odor: Mint when wet
Physical State: Liquid

SECTION IV --- Fire and Explosion Hazard Data

Flash Point: Greater than -159° F
Flammable Limits in Air: Lower Explosive Limit 1%; Upper Explosive Limit 18.0%
Extinguishing Media: Foam, CO₂, water, dry chemical
Special Firefighting Procedures: Wear self-contained breathing apparatus with a full facepiece operated in pressure-demand or other positive pressure mode when fighting fires. Keep fire exposed containers cool with water fog.
Unusual Fire or Explosion Hazards: Vapors are heavier than air and travel along the ground or may be moved by ventilation and ignited by ignition sources at locations distant from material handling point. For aerosol products-exposure to temperatures over 130° F may cause containers to burst, releasing highly flammable gas.

SECTION V --- Reactivity

Stability: Stable under normal storage conditions
Hazardous Polymerization: Will not occur.
Hazardous Decomposition Products: Carbon Monoxide, Carbon Dioxide, various hydrocarbons, Sulfur Dioxide, Sulfur Monoxide
Incompatibility: Oxidizing agents, acids, reducing agents, strong oxidizers

Conditions to Avoid: Heat, sparks, welding arcs, open flame, static electricity, or other sources of ignition

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SECTION VI --- Health Hazard Data

Threshold Limit Value: N/E

Effects of overexposure: Skin-prolonged or repeated contact can cause moderate irritation defatting, dermatitis.

Inhalation-Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, and even asphyxiation. Over exposure may cause damage to the nervous system.

Chronic Hazards-Overexposure to this material (or its components) has apparently been found to cause the following effects in laboratory animals: kidney damage

Emergency and First Aid Procedures:

Eye Contact: Immediately rinse with running water for 15 minutes. If irritation persists, seek medical attention.

Skin Contact: Wash affected areas with soap and water. If irritation develops, seek medical attention. Remove contaminated clothing.

Inhalation: Move to fresh air. If breathing is difficult, administer oxygen. Give artificial respiration if breathing has stopped. Keep person warm and quiet. Get medical attention.

Ingestion: Do not induce vomiting. Give two glasses of water if conscious. Never give anything by mouth to and unconscious person. Get immediate medical attention.

SECTION VII --- Spill and Leak Procedures

Steps to be taken in case of spill or leak: Eliminate sources of ignition and ventilate area. Persons not properly equipped should be excluded from area. Stop spill at source to prevent spreading. Avoid inhalation of vapors. Avoid skin contact with liquid. Soak up on absorbent material and place in proper container for disposal. Use non-sparking scoops for flammable materials. Clean walking surfaces thoroughly to reduce slipping hazard.

SECTION VIII --- Special Protection Information

Respiratory Protection: If work place exposure limits of product or any component is exceeded, use a NIOSH/MSHA approved respirator.

Ventilation: Provide sufficient mechanical ventilation to maintain exposure below TLVs

Protective Equipment: Safety glasses or goggles, neoprene or vinyl gloves and protective clothing if contact is likely.

SECTION IX --- Special Precautions

General: Do not store above 120° F. Do not store in direct sunlight. Keep away from heat sources, open flame, sparks.

SECTION X --- Regulatory Information

Section 313 Components: Hexane CAS# 110-54-3 50.0%

DOT Proper Shipping Name: Aerosols, 2.1, UN1950, PG-None. Resp. Guide page 126

Additional Information: For domestic ground and air shipment this product may be shipped as a consumer commodity ORM-d. Outer cartons must have the ORM-D or ORM-D Air designation.

Dispose of in compliance with federal, state and local regulations.

User's Responsibility

This bulletin cannot cover all possible situations which the user may experience during processing. Each aspect of the user's operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained within this bulletin should be provided to the user's employees or customers. We must rely upon the user to utilize this information to develop appropriate work practice guidelines and employee instructional programs for his or her operation. Test all end uses thoroughly to assure appropriate material selection.

Disclaimer of Liability

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