

SECTION 1 - Identification

1.1. Identification

Product Type: Aerosol Adhesive
Product Code: MPERHT

1.2. Relevant Identified Uses of Substance or Mixture

Use of the substance/mixture: Adhesive

1.3. Details of the Supplier of the Safety Data Sheet

Manufactured For: Merit Supply
1310 Union St.
Spartanburg, SC 29302
800-726-5639

1.4. Emergency Telephone Number

CHEMTREC 1-800-424-9300

SECTION 2 – Hazard(s) Identification

2.1 Classification of the Substance or Mixture

GHS-US Classification

Flammable Gas:	Category 1	H220
Flammable Aerosol:	Category 2	H223
Flammable Liquid:	Category 2	H225
Compressed Gas:		H280
Aspiration Hazard:	Category 1	H304
Skin Irritation:	Category 2	H315
Serious Eye Irritation	Category 1	H319
Specific Organ Toxicity:	Category 3	H370
Central Nervous System		

2.2 Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US):



GHS07

GHS08

GHS02

GHS04

Signal Word (GHS-US):

Hazard Statements (GHS-US):

Danger
H220 – Flammable gas.
H223 – Flammable aerosol.
H225 – Flammable liquid.
H208 – Compressed gas.
H304 – May be fatal if swallowed and enters airways
H315 – Causes skin irritation
H320 – Causes eye irritation
H336 – May causes drowsiness and dizziness
H370/H372 – Causes damage to organs (Central Nervous System).

Precautionary Statements (GHS-US): P103 – Read label before use
P201 – Obtain special instructions before use
P202 – Do not handle until all safety precautions have been read and understood
P210 – Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233 – Keep container tightly closed
P241 – Use explosion-proof electrical/ventilating/lighting/.../equipment
P242 – Use only non-sparking tools
P243 – Take precautionary measures against static discharge
P270 – Do not eat, drink, or smoke when using this product
P271 – Use only outdoors or in a well-ventilated area
P314 – Get medical advice/attention if you feel unwell

Note: This product is a mixture of which there has not been thorough testing and establishment of all the possible health risks of exposure. There may be unknown effects that are not listed.

SECTION 3 – Composition/Information on Ingredients

Substance Type: Mixture

Name	Product Identifier	% Composition
Propane	CAS: 74-98-6	20 – 35*
Cyclohexane	CAS: 110-82-7	15 – 25*
Acetone	CAS: 67-64-1	10 – 20*
Butane	CAS: 106-97-8	10 – 20*
Heptane	CAS: 142-82-5	5 – 15*

*Designates the exact percentages (concentration) of this composition have been withheld as a trade secret.

SECTION 4 –First-Aid Measures

First-Aid Measures After Inhalation: Remove victim to fresh air immediately. If breathing has stopped give artificial respiration. Get medical attention.
First-Aid Measures After Eye Contact: Flush with large amounts of water, lifting upper and lower lids occasionally. Continue for at least 15 minutes. Get medical attention.
First-Aid Measures After Skin Contact: Remove contaminated clothing. Wash affected area with soap and water. Get medical attention if irritation persists.

SECTION 5 – Firefighting Measures

5.1 Extinguishing Media

Suitable Extinguishing Media: Preferably: chemical foam. BC powder. Carbon dioxide.
Unsuitable Extinguishing Media: Water stream.

5.2 Special Hazards Arising from the Substance or Mixture

Fire Hazard: DIRECT FIRE HAZARD: Highly flammable. INDIRECT FIRE HAZARD: Sparks. Vapor.
Explosion Hazard: DIRECT EXPLOSION HAZARD: Possible explosive hazard. (aerosol).
Reactivity: N/A.

5.3 Advice for Firefighters

Firefighting Instructions: Cool tanks/drums with water spray/remove them to safety.
Protection During Firefighting: Heat/Fire exposure: compressed air/oxygen apparatus.

SECTION 6 – Accidental Release Measures

6.1 Personal Precautions, Protective Equipment, and Emergency Procedures

6.1.1. For Non-Emergency Personnel

Protective Equipment: Gloves, protective goggles, protective clothing. Large spills in enclosed spaces: compressed air apparatus.

Emergency Procedures: Keep upwind. Mark the danger area. Consider evacuation. Close doors and windows of the premises. Stop engines and do not smoke. Keep containers closed. Wash contaminated clothes.

6.1.2. For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

6.2 Environmental Precautions

Prevent spreading in sewers.

6.3 Methods and Material for Containment and Cleaning Up

For Containment: Contain released substance, pump into suitable containers. Plug the leak, cut off the supply. Dam up the liquid spill. Try to reduce evaporation of spill. Dilute combustible gas/vapor with water curtain.

Methods for Cleaning Up: Take liquid spill into inert absorbent material (sand, earth, etc.) Scoop absorbed substance into closing containers. Spill must not return into its original container. Carefully collect the spill/leftovers. Damaged/cooled tanks must be emptied. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling.

SECTION 7 – Handling and Storage

7.1 Precautions for Safe Handling

Precautions for Safe Handling: Comply with legal requirements. Remove contaminated clothing immediately. Clean contaminated clothing. Handle uncleaned empty containers as full ones. Do not discharge waste into the drain. Keep away from ignition sources/sparks. Avoid prolonged and repeated contact with skin. Keep container tightly closed. Work under local exhaust/ventilation.

Hygiene Measures: Do not eat, drink, or smoke when using this product. Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work.

7.2 Conditions for Safe Storage

Storage Conditions: Keep only in original container in a cool, well ventilated place away from: heat sources, incompatible materials. Keep container closed when not in use.

Incompatible Products: N/A

Incompatible Materials: N/A

Heat-Ignition: KEEP SUBSTANCE AWAY FROM: heat sources, ignition sources.

Prohibitions on Mixed Storage: KEEP SUBSTANCE AWAY FROM: oxidizing agents, reducing agents, strong acids, strong bases, halogens, amines.

Packaging Material: SUITABLE MATERIAL: steel, stainless steel, carbon steel, aluminum, iron, copper, nickel, bronze, glass

SECTION 8 – Exposure Controls/Personal Protection

8.1 Control Parameters

Parameters categorized by component of mixture:

Component Name	OSHA Permissible Exposure Limit (PEL) (ppm) TWA
Propane	1000
Cyclohexane	300
Acetone	1000

Butane	800
Heptane	500

8.2 Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available within immediate vicinity of any potential exposure.

Personal Protective Equipment: Safety glasses, gloves, protective clothing, face shield. If high gas/vapor concentration occurs, use gas mask with filter suitable for organic vapors.

Eye Protection: Safety Glasses.

Skin and Body Protection: Head/neck protection. Protective clothing.

Respiratory Protection: Wear gas mask with filter suitable for organic vapors if concentration in air exceeds exposure limit.

Other Information: Do not eat, drink, or smoke during use.

SECTION 9 – Physical and Chemical Properties

Appearance: Clear solution.

Physical State: Liquid.

Vapor Pressure: Approximately 70 psig at 70°F

Vapor Density: 2.5

Melting Point: N/A

Note: Some physical and chemical properties for this mixture have not been established and therefore cannot be accurately recorded.

SECTION 10 – Stability and Reactivity

10.1 Reactivity

Reacts with strong oxidizers. Increased risk of fire.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of Hazardous Reactions

None established.

10.4 Conditions to Avoid

Avoid open flames and other high temperatures sources.

10.5 Incompatible Materials

Strong oxidizers, acids, and bases.

10.6 Hazardous Decomposition Products

None established.

SECTION 11 – Toxicological Information

Inhalation: Intentional concentration and inhalation may be harmful or fatal.

Skin Contact: Causes skin irritation.

Eye Contact: Causes eye irritation.

Ingestion: Ingestion is likely to be harmful or have adverse effects.

SECTION 12 – Ecological Information

Please contact Merit Supply at 800-726-5639 for questions.

SECTION 13 – Disposal Considerations

Dispose of contents and containers in accordance with local and regional regulations.

SECTION 14 – Transport Information

Transportation will be handled according to the Department of Transportation guidelines and regulations.

SECTION 15 – Regulatory Information**VOC Statement**

Product complies with California Air Resources Board for web spray aerosol adhesives at less than 65% for special use.

All matters regarding this mixture will be handled in accordance to the United States federal regulations. Please contact Merit Supply at 800-726-5639 for further questions.

SECTION 16 – Other Information

This Safety Data Sheet was revised on 3/17/2022.

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