

Permatex, Inc.
10 Columbus Blvd.
Hartford, CT 06106 USA
Telephone: 1-87-Permatex
(877) 376-2839
Emergency: 800-255-3924
International Emergency: 813-248-0585

Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: 118DA ALL PURPOSE SPRAY ADHESIVE 10.5OZ AE
Item No: 82019
Product Type: Aerosol adhesive

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH; TLV-TWA	OSHA PEL:
PETROLEUM GASES, LIQUEFIED, SWEETENED 68476-86-8	30-60	Not listed	Not Listed
ACETONE 67-64-1	10-30	500 ppm; 1188 mg/m ³	1000 ppm TWA; 2400 mg/m ³ TWA
N-HEXANE 110-54-3	10-30	50 ppm	500 ppm TWA; 1800 mg/m ³ TWA
CYCLOHEXANE 110-82-7	<5	300 ppm; 1030 mg/m ³	300 ppm TWA; 1050 mg/m ³ TWA

3. HAZARDS IDENTIFICATION

Toxicity: May cause nervous system depression. Intentional misuse by concentrating and inhaling the vapor may be harmful or fatal. Long term exposure to high concentrations of vapor may cause lung, liver or kidney damage. High concentrations may cause central nervous system (CNS) depression. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage (sometimes referred to as "solvent" or "painter's syndrome"). Symptoms include fatigue, concentration difficulties, anxiety, depression, rapid mood swings, and short-term memory loss. Aspiration hazard if swallowed. May cause eye, skin and respiratory irritation. n-Hexane may damage peripheral nerve tissue.

Primary Routes of Entry: Eye and skin contact, ingestion, inhalation

Signs and Symptoms of Exposure: Excessive overexposure may cause giddiness, dizziness, headache, nausea and in extreme cases, unconsciousness and respiratory depression. Overexposure may cause eye and skin redness, difficulty breathing and vomiting. Swallowing: This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or damage. Aspiration into the lungs can cause chemical pneumonia which can be fatal.

Component	Weight%	NTP	ACGIH Carcinogens	IARC
ACETONE 67-64-1	10-30	Not known	A4 - Not Classifiable as a Human Carcinogen	Not known

Medical Conditions Recognized as Being Aggravated by Exposure: Persons with preexisting respiratory, liver, kidney, eye or skin diseases may be adversely affected.

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation: Move to fresh air in case of accidental inhalation of vapours. Oxygen or artificial respiration if needed. Obtain medical attention.

Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Flash Point (°F/C): Extremely flammable aerosol per flame projection test

Recommended Extinguishing Media: Carbon Dioxide, Dry Chemicals, Foam.

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5. FIRE FIGHTING MEASURES

Special Fire-Fighting Procedures:

Firefighters should wear self-contained breathing apparatus. Keep containers cool. Use equipment or shielding required to protect against bursting or venting of containers. Water spray may be ineffective on flames but should be used to keep fire-exposed containers cool.

Hazardous Products of Combustion:

Carbon Monoxide and Carbon Dioxide.

Unusual Fire/Explosion Hazards:

Contents under pressure Exposure to temperatures over 120 degrees F. may cause bursting or venting Use equipment or shielding to protect personnel from bursting containers

Lower Explosive Limit:

Not determined

Upper Explosive Limit:

Not determined

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures:

Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

7. HANDLING AND STORAGE

Storage:

Store away from heat, sparks or open flame. Do not store at temperatures above 120 degrees F. Exposure to high temperatures may cause container to burst. Store in accordance with NFPA 30B for Level 3 Aerosols.

Handling:

Avoid contact with skin and eyes. Wash thoroughly with soap and water after handling. Use only in a well ventilated area. Intentionally concentrating and inhaling the vapor may be harmful or fatal. Do not use near heat, sparks or open flame. Extinguish all flames, pilot lights and heaters. Turn off stoves, electric tools and appliances, and other sources of ignition. Vapors may accumulate readily and may ignite explosively. Do not puncture or incinerate container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes:

Safety glasses.

Skin:

Neoprene or nitrile gloves recommended.

Ventilation:

General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product.

Respiratory Protection:

An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

White liquid

Odor:

SOLVENT ODOR

Boiling Point:

>100°F

pH:

Does not apply

Solubility in Water:

Nil

Specific Gravity:

0.6-0.7

VOC Content(Wt.%):

64.9 % by weight

Vapor Pressure:

Not determined

Vapor Density (Air=1):

Heavier than air

Evaporation Rate:

>1 (butyl acetate = 1)

10. STABILITY AND REACTIVITY

Chemical Stability:

Stable at normal conditions

Hazardous Polymerization:

Will not occur.

Incompatibilities:

Strong oxidizers, Acids

Conditions to Avoid:

Keep away from heat, sparks and open flame

Hazardous Products of Combustion:

Carbon Monoxide and Carbon Dioxide.

11. TOXICOLOGICAL INFORMATION

See Section 3

12. ECOLOGICAL INFORMATION

No data available

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13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal: Disposal should be made in accordance with federal, state and local regulations. This container may be recycled in aerosol recycling centers. Before offering for recycling, empty the can by using the product according to the label. If recycling is not available, wrap the container and discard in the trash.

US EPA Waste Number: D001 as per 40CFR 261.21

14. TRANSPORTATION INFORMATION

DOT (49CFR 172)

Domestic Ground Transport

DOT Shipping Name:	Consumer Commodity (not more than one liter)
Hazard Class:	ORM-D
UN/ID Number:	None
Marine Pollutant:	None

IATA

Proper Shipping Name:	Consumer Commodity (Not more than 1 liter)
Class or Division:	Class 9
UN/ID Number:	ID 8000

IMDG

Proper Shipping:	Aerosols, Limited Quantity
Hazard Class:	Class 2.1
UN Number:	UN 1950

15. REGULATORY INFORMATION

SARA 313 Chemicals: The following component(s) is listed as a **SARA Section 313 Toxic Chemical**.

N-HEXANE, CYCLOHEXANE

CALIFORNIA PROP 65:

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA Inventory Status:

Listed on Inventory: YES All components of this product are listed (or exempt) on the EPA TSCA inventory.

16. OTHER INFORMATION

Estimated NFPA Rating: HEALTH 2, FLAMMABILITY 4, REACTIVITY 0.

Estimated HMIS Classification: HEALTH 2, FLAMMABILITY 4, PHYSICAL HAZARD 0

NFPA is a registered trademark of the National Fire Protection Assn.

HMIS is a registered trademark of the National Paint and Coatings Assn.

Prepared By: Denise Boyd, Manager-Environmental, Health & Safety
Company: Permatex, Inc. 10 Columbus Blvd. Hartford, CT USA 06106

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Telephone No.: 1-87-Permatex (877) 376-2839