

SAFETY DATA SHEET

1. Identification of the substance/mixture and of the company

1.1 Product identifier

**Product Name: AirRepair®
Plastic Primer
Part Number PW-1**

Product ID numbers: PW-1

Contained in AirRepair Kits: AR-KIT-1, AR-KIT11, AR-KIT14, AR-KIT14F, AR-KIT97P, AR-KIT99, AR-KITG

1.2 Relevant identified uses of the mixture and uses advised against

Identified uses: Plastic adhesion promotion

List of advices against: Not applicable.

1.3 Details of the supplier of the safety data sheet

Supplier/Manufacturer:

American Polywater Corporation

11222 - 60th Street North

Stillwater, MN 55082

USA

Tel: 1-651-430-2270

Email: sds@polywater.com

1.4 Emergency telephone numbers

INFOTRAC: 1-800-535-5053 (USA) 1-352-323-3500 (INT'L)

2. Hazards Identification

2.1 Classification of the substance or mixture

Classification according to USA OSHA 29 CFR 1910.1200 (2012) and Canada HPR (SOR/2015-17; WHMIS 2015).

Flam Liq 2 H225

Skin Irrit. 2 H315

Skin Sens 1 H317

Eye Irrit 2 H320

Acute Tox 4 H332

STOT SE 3 H336

2.2 Label elements

Contains:

Low boiling point naphtha, Cyclohexane, Styrene-butadiene polymer (5-15), Limonene polymer (7-13)



Pictograms:

Signal word:

Danger

Hazard Statements:

H225 Extremely flammable liquid and vapor.

H315 + H320 Causes skin and eye irritation.

H317 May cause allergic skin reaction.

- H332 Harmful if inhaled.
- H336 May cause drowsiness or dizziness.

Precautionary Statements:

- P210 Keep away from sparks, flames and hot surfaces. No smoking.
- P243 Take precautionary measures against static discharge.
- P261 Avoid breathing vapor.
- P264 Wash hands thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P280 Wear protective gloves and eye protection.
- P303 + P361 + P353 IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water.
- P333 + P313 If skin irritation or rash occurs: get medical attention.
- P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P312 Call a doctor if you feel unwell.
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337 + P313 If eye irritation persists: Get medical attention.
- P362 + P364 Take off contaminated clothing and wash it before reuse.
- P370 + P378 In case of fire: Use water fog, foam, dry chemical or carbon dioxide for extinction.
- P403 + P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.
- P501 Dispose of contents/container according to local regulations.

Notes: Aspiration classification not applied due to the physical form of the product.

2.3 Other hazards: No information available.

3. Composition/Information on Ingredients

Component	CAS #	Wt. %
Low boiling point naphtha	64742-49-0	75 - 90%
Cyclohexane	110-82-7	5 – 10%
Styrene-butadiene polymer (5-15)	9003-55-8	< 3%
Limonene polymer (7-13)	9003-73-0	< 3%

4. First Aid Measures

4.1 Description of first aid measures

- Eye Contact:** If eye irritation from exposure to vapors develops, move to fresh air. Flush eyes with clean water. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, seek medical attention. For direct eye contact, flush with large quantity of water for 15 minutes. Seek medical attention.
- Skin Contact:** Remove contaminated clothing; flush skin thoroughly with water. If irritation occurs, seek medical attention.
- Inhalation (Breathing):** If irritation of nose or throat develops, move to fresh air. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If irritation persists, seek medical attention.
- Ingestion (Swallowing):** Do not induce vomiting or give anything by mouth unless directed to do so by medical personnel. Get medical attention if symptoms appear.

4.2 Most important symptoms and effects, both acute and delayed

Refer to Section 11 for more information.

4.3 Indication of immediate medical attention and special treatment needed.

No information available.

5. Firefighting Measures

5.1 Extinguishing media:

Carbon dioxide, water fog, dry chemical or foam.

5.2 Special hazards arising from the substance or mixture

Hazardous decomposition and by-products:

Burning generates carbon monoxide, carbon dioxide.

5.3 Advice for firefighters

Wear appropriate, protective clothing, including self-contained, positive pressure or pressure-demand breathing apparatus. Use water spray to cool fire exposed containers.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures:

Keep away from heat/sparks/open flames/hot surfaces. No smoking. For a spill in a confined space, provide mechanical ventilation to disperse or exhaust vapors. For emergency responders: use respiratory protection: half-face or full-face respirator with filter(s) for organic vapor for spills in a confined space. Chemical goggles are recommended if splashes or contact with eyes is possible. For small spills: normal antistatic work clothes are usually adequate.

6.2 Environmental precautions:

Avoid release to the environment.

6.3 Methods materials for containment and cleaning up:

Collect towel and absorb any excess material with sand or absorbents.

6.4 Reference to other sections:

Refer to Sections 4, 5, 8, and 13 for more information.

7. Handling and Storage

7.1 Precautions for safe handling

Keep away from heat/sparks/open flames/hot surfaces. Take precautionary measures against static discharge. No smoking. Avoid breathing vapors or spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Wash contaminated clothing before reuse. Use only outdoors or in a well-ventilated area. For industrial or professional use only.

7.2 Conditions for safe storage, including incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store away from acids and oxidizing agents.

7.3 Specific end uses

See technical data sheet on this product for further information.

8. Exposure Controls / Personal Protection

Component Name	Limit	Standard	Source/Note
Low boiling point naphtha	200 ppm	ACGIH TWA	USA
Low boiling point naphtha	500 ppm	NIOSH TWA	USA
Low boiling point naphtha (C7-C8 alkanes)	1500 mg/m ³	OEL, total hydrocarbons	Ontario, Canada
Cyclohexane	100 ppm	ACGIH TWA	USA
Cyclohexane	300 ppm	OSHA TWA	USA
Cyclohexane	100 ppm	OEL	Ontario, Canada

Cyclohexane	300 ppm	OEL	Quebec, Canada
Cyclohexane	100 ppm	OEL	Saskatchewan, Canada
Cyclohexane	100 ppm	OEL	British Columbia, Canada
Cyclohexane	300 ppm	OEL	Yukon Territory, Canada

8.2 Exposure controls

Respiratory protection:

Normal ventilation is adequate. If exposure exceeds recommended limits, respirator protection is recommended. Use a respirator or gas mask with cartridges for organic vapors (NIOSH-approved) or use supplied air equipment.

Protective gloves:

For repeated or prolonged skin contact, the use of impermeable gloves is recommended to prevent drying and possible irritation.

Suggested Material: Nitrile Rubber
 For short term contact (<15 minutes), splashes use 0.2 mm. For full contact use

Suggested Thickness: 0.4 mm

Exact break-through time has not been determined. Guidance is based on similar chemistry/material.

Maximum wearing time should be determined based on 50 % of the penetration time determined by EN 374 part III.

Eye protection:

Safety glasses recommended.

Other protective equipment:

It is suggested that a source of clean water be available in work area for flushing eyes and skin. Impervious clothing should be worn as needed.

9. Physical and Chemical

9.1 Information of basic physical and chemical properties

Appearance:	Slightly viscous liquid; mild odor.
Odor threshold:	Not available
pH:	Does not apply
Freezing point:	Not available
Boiling point:	144°F / 62°C (initial)
Flash point:	<20°F / -6°C (TCC)
Evaporation rate:	>2 (n-butyl acetate = 1)
Flammability (solid, gas):	Not applicable to liquids
Flammability limits:	LEL: 1.2%
Vapor pressure:	Not available
Vapor density (Air = 1):	>1 (Air = 1)
Specific gravity (H₂O = 1):	Not determined
Solubility in water:	Not available
Coefficient of Water/Oil Distribution:	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	Not available

9.2 Other Information

Volatiles (Weight %):	100%
VOC Content:	Not determined

10. Stability and Reactivity

10.1 Reactivity:

See remaining headings in Section 10.

10.2 Chemical stability:

Stable

10.3 Possibility of hazardous reactions:

None known.

10.4 Conditions to avoid:

Avoid heat, flame, and sparks.

10.5 Incompatible materials :

Strong oxidizing agents.

10.6 Hazardous decomposition products:

Carbon dioxide, carbon monoxide.

11. Toxicological Information

11.1 Information on toxicological effects:**Acute toxicity****Eye contact:**

Direct eye contact may cause eye irritation. This irritation is minimal and expected to be transient.

Skin contact:

Prolonged or repeated skin exposure can remove oils, causing redness, drying and cracking. Persons with pre-existing skin disorders may be more susceptible to skin irritation from this material.

Irritation and Sensitization Potential:

Product may be irritating to skin and eyes. It is not a sensitizer.

Inhalation (Breathing):

Concentrated solvent vapors may cause irritation of the nose and throat. prolonged exposure to excessively high vapor concentrations can result in central nervous system depression (e.g., drowsiness, dizziness, loss of coordination, and fatigue).

Ingestion:

May be harmful if swallowed. Ingestion of large quantities may cause irritation of the digestive tract, nervous system depression (e.g., drowsiness, dizziness, loss of coordination, and fatigue).

Toxicity to Animals:

Low boiling point naphtha	LD ₅₀ (oral rat) >5,000 mg/kg
	LD ₅₀ (dermal rabbit) >2,000 mg/kg
	Rabbit 4 hr. exposure: Irritating to skin, irritating to eyes
Cyclohexane	LD ₅₀ (oral rat) 6,200 mg/kg
	LD ₅₀ (dermal rat) >2,000 mg/kg
	LC ₅₀ (inhl rat, 4 hrs.) 32.9 mg/l
	Rabbit: Mild irritant

Chronic Exposure:

Reproductive Toxicity: No data available.

Mutagenicity: No data available

Teratogenicity: No data available

Specific Target Organ Toxicity (STOT) No end point data.

Toxicologically Synergistic Products: Not available.

Carcinogenic Status:

IARC No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC.

OSHA No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP No components of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

12. Ecological Information

12.1 Ecotoxicity:

Aquatic Toxicity:

Low boiling point naphtha 96 h LC₅₀ Oncorhynchus mykiss (Rainbow Trout) 8.2 mg/l
 48 h EC₅₀ Daphnia magna (water flea) 4.5 mg/l
 96 h EC₅₀ Pseudokirchneriella subcapitata (green algae) 3.7 mg/l

12.2 Persistence and degradability:

Low boiling point naphtha 77% biodegradable, 28 d exposure time, method: OECD 301E

12.3 Bioaccumulation potential:

No information available

12.4 Mobility in soil:

No information available

12.5 Results of PBT and vPvB Assessment:

This product is not, nor does it contain a substance that is a PBT or vPvB.

12.6 Other adverse effects:

None known.

13. Disposal Considerations

Product is ignitable waste. Dispose of product in accordance with National and Local Regulations.

14. Transport Information

US DOT Domestic Ground Transportation:

Not Regulated (See Special Provision 47).

UN Number:

3175
 Solids Containing Flammable Liquid, N.O.S., (Contains: Low boiling point naphtha)

UN Proper shipping name:

Transport hazard class(es):

Class 4.1

Packing group:

II

Environmental hazards:

None known

Special precautions:

None known

ICAO/IATA-DGR:

Not Regulated (See Special Provision A46)

IMDG:

Not Regulated (See Special Provision 216)

15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

USA Federal and State

All components are listed on the TSCA inventory.

Hazard Categories for SARA Section 311/312 Reporting

Acute
Yes

Chronic
Yes

Fire
Yes

Pressure
No

Reactive
No

Components

Cyclohexane (<10%)

CERCLA/SARA Sec 302 Hazardous Substance RQ

No

EHS TPQ

No

SARA Sec. 313 Toxic Release

Yes

Components are not affected by these Superfund regulations.

NFPA Ratings:

Health: 2

Fire: 3
Reactivity: 0

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel during spill, fire or similar emergencies. Hazard ratings are based on physical and toxic properties of combustion or decomposition.

California Proposition 65

WARNING: This product can expose you to benzene, ethylbenzene, and naphthalene which are known to the state of California to cause cancer, and toluene and benzene which are known to the State of California to cause birth defects and/or other reproductive harm. For more information, go to www.p65warnings.ca.gov.

European Union

Product complies with the communication requirements of REACH Regulation (EC) No. 1907/2006. All components are listed on the European Inventory of Existing Chemical Substances (EINECS). Contains no substance on the REACH candidate list $\geq 0.1\%$ SCL. Does not contain notified substances from the ELINCS List, Directive 92/32/EEC. Contains no REACH substances with Annex XVII restrictions.

Canada

All components are listed on the DSL inventory.

Australia

All components are listed on the AICS.
Hazardous according to criteria of NOHSC Australia.

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out for the mixture by the supplier

16. Other Information

Abbreviations and acronyms:

OSHA = Occupational Safety and Health Administration
CLP = Classification, Labeling and Packaging Regulation
STOT = Specific Target Organ Toxicity
LD₅₀ = Median Lethal Dose
DNEL = Derived No Effect Level
ACGIH = American Conference of Governmental Industrial Hygienists
TSCA = Toxic Substances Control Act (USA)
DSL = Domestic Substances List (Canada)
AICS = Australian Inventory of Chemical Substances

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Written in accordance with the provisions of OSHA 1910.1200 App D (2012) and Canada HPR (SOR/2015-17) (WHMIS 2015). (GHS format)
Reviewed in accordance with the provisions of OSHA 29 CFR 1910.1200 (2012) and Canadian Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015).

The information and recommendations contained herein are believed to be reliable. However, the supplier makes no warranties, express or implied, concerning the use of this product. The buyer must determine conditions of safe usage and assumes all risk and liability in handling this product.