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: 84115 PERMA POXY 5 MINUTE PLASTIC WELD PART 1 25ML SYR

Item No: PTX202009B Product Type: Epoxy resin

2. COMPOSITION/INFORMATION ON INGREDIENTS						
Ingredient	Weight Percent	ACGIH TLV:	OSHA PEL:			
METHYL METHACRYLATE 80-62-6	30-60	50 ppm TWA	100 ppm TWA; 410 mg/m³ TWA			
CHLOROSULFONATED POLYETHYLENE 68037-39-8	30-60	Not Listed	Not Listed			
METHACRYLIC ACID 79-41-4	5-15	20 ppm TWA	20 ppm TWA; 70 mg/m³ TWA			

3. HAZARDS IDENTIFICATION

Toxicity: May cause eye and skin irritation. May cause skin sensitization. Exposure to vapors or mist may result in

irritation of the respiratory tract. Causes burning sensation of the mouth, throat, and stomach.. Prolonged

exposure may cause liver and kidney effects and may affect the central nervous system..

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

Signs and Symptoms of Exposure: Eyes: Exposure to liquid or vapor causes mild eye irritation. Symptoms may include burning, tearing,

redness, stinging, blurred vision and corneal injury. Repeated skin contact may cause allergic skin reactions. Skin redness. Excessive overexposure may cause giddiness, dizziness, headache, nausea and in extreme cases, unconsciousness and respiratory depression. Moderately toxic if swallowed. Irritating to

mouth, throat and stomach with nausea.

Ingredient	Weight Percent	NTP	ACGIH Carcinogens	IARC
METHYL METHACRYLATE 80-62-6	30-60	male rat-no evidence; female rat-no evidence; male mice- no evidence; female mice-no evidence	A4 - Not Classifiable as a Human Carcinogen	Group 3: Monograph 60, 1994

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 vapors. 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):

Recommended Extinguishing Media: Carbon dioxide, Dry chemical, foam

Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus. Use water

spray to cool exposed containers.

Hazardous Products of Combustion: Oxides of carbon

Unusual Fire/Explosion Hazards: Closed containers may rupture or explode when exposed to extreme heat.

Keep containers cool.

50°F TCC

Product Name: 84115 PERMA POXY 5 MINUTE ltem No: PTX202009B

PLASTIC WELD PART 1 25ML SYR

5. FIRE FIGHTING MEASURES

Lower Explosive Limit: 2.1 Upper Explosive Limit: 12.5

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until

disposal. Prevent from entering waterways or sewers.

7. HANDLING AND STORAGE

Storage: Store away from heat. Store in a cool, dry area.

Handling: Avoid contact with skin and eyes. Do not inhale vapors. Wash thoroughly after handling. Do not use near

heat, sparks or open flame.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Chemical goggles; also wear a face shield if splashing hazard exists.

Skin: Neoprene, rubber or butyl rubber gloves. Wash contaminated clothing before re-use.

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 respirator (i.e. NIOSH, etc.) should be worn when exposures are expected to exceed the

applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White paste
Odor: Resin odor.
Boiling Point: 213°F

pH: 3.0-3.5 (5% solution or slurry in water)

Solubility in Water: Not determined

Specific Gravity: 1.0

VOC Content(Wt.%): <50 g/l (mixed)
Vapor Pressure: 28 mm Hg @ 68°F
Vapor Density (Air=1): Heavier than air
Evaporation Rate: 3 (butyl acetate = 1)

10. STABILITY AND REACTIVITY

Chemical Stability: STABLE
Hazardous Polymerization: MAY OCCUR.

Incompatabilities: Acids, Avoid contact with bases and strong oxidizers, Ultraviolet radiation.,

Reducing agents

Conditions to Avoid: Heat, Sunlight/Radiation, Inert gas blanketing

Hazardous Products of Combustion: Oxides of carbon

11. TOXICOLOGICAL INFORMATION

Oral LD50 (rat) = >2000 mg/kg Dermal LD50 (rabbit) = >1700 mg/kg

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal: Disposal should be made in accordance with federal, state and local regulations.

US EPA Waste Number: D001 as per 40CFR 261.21, D019

14. TRANSPORTATION INFORMATION

DOT (49CFR 172)

Domestic Ground Transport

DOT Shipping Name: Consumer Commodity (not more than one liter)

Hazard Class: ORM-D

Product Name: 84115 PERMA POXY 5 MINUTE Item No: PTX202009B

PLASTIC WELD PART 1 25ML SYR

UN/ID Number: None Marine Pollutant: None

IATA

Proper Shipping Name: Consumer Commodity (Not more than 1 liter)

Class or Division: Class 9 UN/NA Number: ID 8000

IMDG

Proper Shipping: Adhesives containing flammable liquid, Limited Quantity

Hazard Class: Class 3.2 UN Number: UN 1133

15. REGULATORY INFORMATION

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

METHYL METHACRYLATE

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 3, REACTIVITY 2
Estimated HMIS Classification: HEALTH 2, FLAMMABILITY 3, 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, Health and Safety Manager Revision Date: January/04/2007

Company: Permatex. Inc. 10 Columbus Blvd. Hartford, CT USA 06106 Revision 2

Number:

Permatex, Inc. 10 Columbus Blvd. Hartford, CT 06106 USA **Telephone: 1-87-Permatex**

(877) 376-2839

Emergency: 800-255-3924

Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: 84115 PERMA POXY 5 MINUTE PLASTIC WELD PART 2 28ML SYR

Item No: PTX203012B **Product Type: Curing agent**

2. COMPOSITION/INFORMATION ON INGREDIENTS					
Ingredient	Weight Percent	ACGIH TLV:	OSHA PEL:		
METHYL METHACRYLATE 80-62-6	60-100	50 ppm TWA	100 ppm TWA; 410 mg/m³ TWA		
3,5-DIETHYL-1,2-DIHYDRO-1- PHENYL-2-PROPYLPYRIDINE 34562-31-7	1-10	Not Listed	Not Listed		

4. FIRST AID MEASURES

Ingestion: If swallowed, induce vomiting immediately by giving two glasses of water and sticking fingers down throat;

never give anything to an unconscious person. Get medical attention.

Inhalation: Move to fresh air in case of accidental inhalation of vapors Oxygen or artificial respiration if needed Obtain

medical attention

Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes If skin **Skin Contact:**

irritation persists, call a physician

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical **Eye Contact:**

attention if irritation persists.

3. HAZARDS IDENTIFICATION

Toxicity: May cause eve and skin irritation. Harmful if absorbed through the skin. May cause skin sensitization.

Exposure to vapors or mist may result in irritation of the respiratory tract. Long term exposure to high

concentrations of vapor may cause lung, liver or kidney damage.

Primary Routes of Entry:

Signs and Symptoms of Exposure:

Eye and skin contact, ingestion, inhalation. Eyes: Exposure to liquid or vapor causes mild eye irritation. Symptoms may include burning, tearing,

redness, stinging, blurred vision and corneal injury. Repeated skin contact may cause allergic skin reactions. Excessive accidental exposure may cause headache, dizziness, nausea and mild respiratory

irritation. Moderately toxic if swallowed. Irritating to mouth, throat and stomach with nausea.

Ingredient	Weight	NTP	ACGIH Carcinogens	IARC
	Percent			
METHYL METHACRYLATE	60-100	male rat-no evidence;	A4 - Not Classifiable	Group 3: Monograph 60,
80-62-6		female rat-no	as a Human	1994
		evidence; male mice-	Carcinogen	
		no evidence; female		
		mice-no evidence		

Medical Conditions Recognized as Being Aggravated by Exposure:

Preexisting eye, skin and respiratory disorders may be aggravated by overexposure to this product.

5. FIRE FIGHTING MEASURES

Flash Point (°F/C): 50 degrees F. Method: Tag Closed Cup Carbon dioxide, Dry chemical, foam **Recommended Extinguishing Media:**

Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus. Use water

spray to cool exposed containers.

Hazardous Products of Combustion: Oxides of carbon. Oxides of nitrogen. Cyanide compounds.

Unusual Fire/Explosion Hazards: Closed containers may rupture or explode when exposed to extreme heat.

Keep containers cool.. Irritating or toxic gases or fumes may be generated

by thermal decomposition or combustion.

Lower Explosive Limit: 2.1 **Upper Explosive Limit:** 12.5 Product name: 84115 PERMA POXY 5 MINUTE PLASTIC Item No: PTX203012B

WELD PART 2 28ML SYR

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until

disposal. Prevent from entering waterways or sewers.

7. HANDLING AND STORAGE

Storage: Store away from heat. Store in a cool, dry area.

Handling: Avoid contact with skin and eyes. Use in a well ventilated area to prevent irritation by vapors.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Chemical goggles; also wear a face shield if splashing hazard exists.

Skin: Neoprene, rubber or butyl rubber gloves. Wash contaminated clothing before re-use.

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 respirator (i.e. NIOSH, etc.) should be worn when exposures are expected to exceed the

applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White paste
Odor: METHACRYLATE
Boiling Point: 213 degrees F

pH: 4.5-5.0 (5% solution or slurry in water)

Solubility in Water: Not determined

Specific Gravity: 0.96

VOC Content(Wt.%): <50 g/l (mixed)

Vapor Pressure: 28 mm Hg @ 68 degrees C.

Vapor Density (Air=1): Heavier than air Evaporation Rate: >1 (butyl acetate = 1)

10. STABILITY AND REACTIVITY

Chemical Stability: STABLE Hazardous Polymerization: MAY OCCUR

Incompatabilities: Avoid contact with bases and strong oxidizers. Acids. Reducing agents.

Conditions to Avoid: Heat Inert gas blanketing Sunlight/Radiation

Hazardous Products of Combustion: Oxides of carbon. Oxides of nitrogen. Cyanide compounds.

11. TOXICOLOGICAL INFORMATION

See Section 3

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal: Disposal should be made in accordance with federal, state and local regulations.

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/NA Number: ID 8000

Product name: 84115 PERMA POXY 5 MINUTE PLASTIC Item No: PTX203012B

WELD PART 2 28ML SYR

IMDG

Proper Shipping: Adhesives containing flammable liquid, Limited Quantity

Hazard Class: Class 3.2 UN Number: UN 1133

15. REGULATORY INFORMATION

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

METHYL METHACRYLATE

CALIFORNIA PROP 65:

No California Prop 65 chemicals are known to be present.

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 3, REACTIVITY 2
Estimated HMIS Classification: HEALTH 2, FLAMMABILITY 3, 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, Health and Safety Manager Revision Date: 02/09/2006

Company: Permatex. Inc. 10 Columbus Blvd. Hartford, CT USA 06106 Revision

Number: