

Safety Data Sheet (SDS)

According to GHS (Global Harmonized System) - Hazcom 2012

Date Printed (YYYY-MM-DD): 2021-10-11

Section 1 - Product and Company Information

Product Name: PlastiFix High Performance Adhesive (Part A)

Product Part Number(s): 2510A,

Recommended Use: For repairing broken automotive plastics

COMPANY IDENTIFICATION:

Polyvance
1128 Kirk Rd.
Rainsville, AL 35986

Information email: info@polyvance.com

EMERGENCY TELEPHONE NUMBER:

24 Hour Emergency contact: Chemtrec: 1-800-424-9300
Outside US: 703-527-3887

Customer Information Number: 256-638-4103 (7AM - 4PM (CST) M-F)

Section 2 - Hazards Identification

Appearance: Milky white liquid

Odor: Strong, irritating odor

Hazard Statement:

DANGER! Highly flammable liquid and vapor. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause respiratory irritation. Very toxic to aquatic life with long lasting effects.

Signal Word: DANGER!

Signal Word Hazard: Highly flammable liquid and vapor

GHS Physical Hazard Pictogram	GHS Health Hazard Pictogram(s)	GHS Environmental Hazard Pictogram
 Flammable	 Irritant	 Environmentally Damaging

GHS Hazards Statement Codes for This Product

Statement Type	Statement Code	Statement Text
Physical	H225	Highly flammable liquid and vapor
Health	H315	Causes skin irritation
Health	H317	May cause an allergic skin reaction
Health	H319	Causes serious eye irritation
Health	H335	May cause respiratory irritation
Environmenta	H410	Very toxic to aquatic life with long lasting effects

Precautionary Statement:

Keep away from heat/sparks/open flames/hot surfaces - No smoking. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. In case of fire: Use CO2, dry extinguishing powder, alcohol resistant foam, water spray for extinction. Collect spillage. Store in a well ventilated place. Keep cool.

GHS Precautionary Statement Codes for This Product

Statement Type	Statement Code	Statement Text
Prevention	P210	Keep away from heat/sparks/open flames/hot surfaces - No smoking
Prevention	P273	Avoid release to the environment
Prevention	P280	Wear protective gloves/protective clothing/eye protection/face protection
Response	P370+378	In case of fire: Use CO ₂ , dry extinguishing powder, alcohol resistant foam, water spray for extinction
Response	P391	Collect spillage
Storage	P403+235	Store in a well ventilated place. Keep cool

Potential Health Effects

Section 3 - Composition / Information on Ingredients

Component	CAS #	ENIECS	REACH Reg. No.	Amount
3,5-diethyl-1, 2-dihydro-1-phenyl-2-propylpyridi	34562-31-7	252-091-3	01-2120769712	15 - 20%
Methyl Methacrylate	80-62-6	201-297-1	01-2119452498	> 85%

Section 4 - First Aid Measures

Eye Contact:	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
Skin Contact:	Take off immediately all contaminated clothing. Wash with plenty of water. In case of skin irritation, seek medical treatment.
Inhalation:	Remove person to fresh air and keep comfortable for breathing. In case of irregular breathing or respiratory arrest, provide artificial respiration. In case of respiratory tract irritation, consult a physician. In the case of lung irritation: Primary treatment using corticoid spray.
Ingestion:	Rinse mouth thoroughly with water. Let water be drunk in little sips (dilution effect). Do NOT induce vomiting. Never give anything by mouth to an unconscious person or a person with cramps. In all cases of doubt, or when symptoms persist, seek medical advice.

Section 5 - Firefighting Measures

Extinguishing Media:	Carbon dioxide (CO ₂), dry extinguishing powder, alcohol resistant foam.
Special Protective Equipment:	In case of fire, wear self-contained breathing apparatus. In case of fire and/or explosion, do not breathe fumes.
Fire Fighting Procedures:	Keep up-wind to avoid fumes. Avoid water in straight hose stream; will scatter and spread fire. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control. Protective equipment for fire-fighters Self contained breathing apparatus and full protective clothing must be worn in case of fire.

Section 6 - Accidental Release Measures

Personal Precautions:	Remove persons to safety. Remove all sources of ignition. Provide adequate ventilation. Do not breathe gas/vapor/aerosol. Avoid contact with skin, eyes, and clothes. Wear personal protection equipment.
Environmental Precautions:	Do not allow to enter into surface water or drains. Prevent spread over a wide area by containment or oil barriers.

Methods for Containment: Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Ventilate affected area.

Section 7 - Handling and Storage

General Handling Practices: Provide adequate ventilation as well as local exhaust at critical locations. Do not breathe gas/vapor/aerosol. Avoid contact with skin, eyes and clothes. Wear suitable protective clothing.

Storage Requirements: Keep container tightly closed in a cool, well-ventilated place. Protect against direct sunlight. Ensure adequate ventilation of the storage area. Make sure spills can be contained (e.g. sump pallets or kerbed areas). Do not store together with: Gas. Explosives. Flammable solids. Pyrophoric liquids and solids. Self-heating substances and mixtures. Substances and mixtures which, in contact with water, emit flammable gases. Oxidizing liquids. Oxidizing solids. ammonium nitrate. Self-reactive substances and mixtures. Organic peroxides. Non-combustible toxic substances. Radioactive substances. Infectious substances.

Section 8 - Precautions to Control Exposure / Personal Protection

Component	Source	Type	Value	Remarks
Methyl Methacrylate	WEEL	STEL	416 mg/m3	(15 minutes)
Methyl Methacrylate	WEEL	STEL	100 ppm	(15 minutes)
Methyl Methacrylate	WEEL	TWA	208 mg/m3	(8 hour)
Methyl Methacrylate	WEEL	TWA	50 ppm	(8 hour)

Personal Protective Equipment (PPE):

Eye / Face Protection: Recommended eye protection brand: Tightly sealed safety glasses. (DIN EN 166)

Skin Protection: Wear fire/flare resistant/retardant clothing. Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

Respiratory Protection: If ventilation is insufficient, suitable respiratory protection must be provided. Suitable respiratory protective equipment: Combination filtering device (EN 14387) Type : A / P2/P3. The filter class must be suitable for the maximum contaminant concentration (gas/vapor/aerosol/particulates).

Hygienic Measures: The usual precautions for handling chemicals should be considered. Keep away from food, drink and animal feeds. Always close containers tightly after the removal of product. When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Protect skin by using skin protective cream. Take off contaminated clothing and wash it before reuse.

Engineering Controls: Provide adequate general and local exhaust ventilation.

HMIS Personal Protection: H



Section 9 - Physical and Chemical Properties

Appearance: Viscous
Odor Threshold: Not Determined
pH: Not Determined
Melting Point: Not Available
Freezing Point: Not Available
Boiling Point: 101 C (214 F)

Boiling Range: Not Available
Flash Point: 10 C (50 F)
Evaporation Rate: Not Determined
Upper Flammability Limit: No data available
Lower Flammability Limit: No data available
Vapor Pressure: No data available
Vapor Density: No data available
Specific Gravity: No data available
Solubility in Water: Miscible
Partition Coefficient: No data available
Autoignition Temperature: No data available
Decomposition Temperature: No data available
Viscosity: No data available

Section 10 - Stability and Reactivity

Chemical Stability: Stable under normal temperature conditions and recommended use. May Polymerize.
Conditions to Avoid: Avoid heat, flames and other sources of ignition. Avoid excessive heat for prolonged periods of time. Avoid exposure to high temperatures or direct sunlight. Heating will generate vapors which may form explosive vapor/air mixtures.
Incompatible Materials: Materials to avoid: Strong acid. Oxidizing agents, strong. Alkalis (alkalis), concentrated.
Hazardous Decomposition Products: Can be released in case of fire: Gas/vapors, irritant. Carbon monoxide Carbon dioxide (CO₂)
Hazardous Polymerization: Hazardous polymerization: Protect against direct sunlight. Can polymerise exothermically in the absence of stabilisers, particularly in acid conditions or if shelf life exceeded.

Section 11 - Toxicological Information

Ingestion Toxicity: LD 50 METHYL METHACRYLATE 7872 mg/kg (oral rat) LD 50 METHACRYLIC ACID 1060 mg/kg (oral rat)
Inhalation: LC 50 METHYL METHACRYLATE 7093 ppm/4h (inh-rat)
Sensitization: This product is sensitizing.
Eye Irritation: Causes serious eye irritation.
Skin Irritation: Causes skin irritation
Target Organs: May cause damage to the liver and kidneys. Central nervous system Respiratory system, lungs.

Section 12 - Ecological Information

EcoToxicity: Avoid release to the environment.
Mobility / Partitioning: Do not allow to enter into surface water or drains.

Section 13 - Disposal Considerations

Disposal Method: Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority. When handling waste, consideration should be made to the safety precautions applying to handling of the product.
Container Disposal:

Section 14 - Transport Information

DOT

Proper Shipping Name: Adhesives containing flammable liquid
Hazard Class: 3
Identification Number: UN1133
Packing Group: II
DOT Labeling: None Required
Additional DOT Shipping Information: Classification code: F1
Special Provisions: 640D
Limited quantity: 200 L
Excepted quantity: E0
Transport category: 2
Hazard No: 33
Tunnel restriction code: D/E

IMDG (Maritime transport)

Proper Shipping Name: Adhesives containing flammable liquid
IMDG Class: 3
UN Number: UN1133
Label: 3

Marine Polutant?: 14.6
Additional IMDG Information: Marine pollutant: YES
Limited quantity: 200 L
Excepted quantity: E2
EmS: F-E, S-D

IATA (Air transport)

Proper Shipping Name: Adhesives containing flammable liquid
ICAO / IATA Class: 3
UN / ID Number: UN1133
Label: 3
Packing Group II
Additional IATA Shipping Information: Special Provisions: A3
Limited quantity Passenger: 25 L
Passenger LQ: Y341
Excepted quantity: E2
IATA-packing instructions - Passenger: 353
IATA-max. quantity - Passenger: 25L
IATA-packing instructions - Cargo: 364
IATA-max. quantity - Cargo: 60L

Section 15 - Regulatory Information

Superfund Amendments and Reauthorization Act of 1986 (Emergency Planning and Community Right-to-Know Act of 1986)
Sections 311 and 312

Immediate (Acute) Health Hazard: Not available
Delayed (Chronic) Health Hazard: Not available
Fire Hazard: Not available
Reactive Hazard: Not available
Sudden Release of Pressure: Not available

The following lists hazardous components and the regulatory lists for which they are required to be reported.

Component: Methyl Methacrylate

CAS: 80-62-6

Amount: >85%

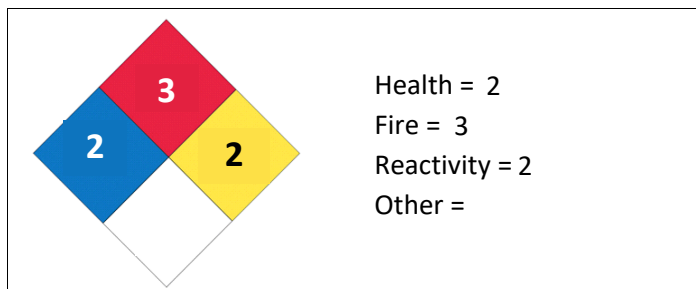
Methyl Methacrylate is listed with Massachusetts Right to Know.

Methyl Methacrylate is listed with Pennsylvania Right to Know.

HMIS Rating (0 - 4)

HEALTH	2	Health = 2
FIRE	3	Fire = 3
PHYSICAL	3	Physical = 3
PERSONAL PROTECTION	H	Personal Protection = H

NFPA Ratings



Section 16 - Other Information

Legend

ACGIH	American Conference of Governmental Hygenists
CAS	Chemical Abstract Service
CFR	Code of Federal Regulations
EPA	Environmental Protection Agency
GHS	Global Harmonized System
HMIS	Hazardous Materials Identification System
LC	Lethal Concentration
LD	Lethal Dose
LTEL	Long Term Exposure Limit
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
OEL	Occupational Exposure Limit
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
SARA	Superfund Amendment and Reauthorization Act

STEL	Short Term Exposure Limit
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
WEEL	Workplace Environmental Exposure Level

DISCLAIMER

This Safety Data Sheet (SDS) is prepared in compliance with GHS Hazcom 2012. The information may be based in part on information provided by component suppliers and is believed to be correct as of the date hereof. However, no warranty or merchantability, fitness for any use, or any other warranty is expressed or is to be implied regarding the accuracy of this data, the results to be obtained from the use of the material, or the hazards connected with such use. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, and since data made available subsequent to the date hereof may suggest modification of the information, we assume no responsibility for the result of its use. This information and material is furnished on the condition that the person receiving it shall make his/her own determination as the suitability of the material for his/her particular purpose and on the condition that he/she assume the risk of his/her use thereof.

Safety Data Sheet (SDS)

According to GHS (Global Harmonized System) - Hazcom 2012

Date Printed (YYYY-MM-DD): 2021-10-11

Section 1 - Product and Company Information

Product Name: PlastiFix High Performance Adhesive (Part B)

Product Part Number(s): 2510B, 2510

Recommended Use: Adhesive used to repair broken plastic automotive parts

COMPANY IDENTIFICATION:

Polyvance
1128 Kirk Rd.
Rainsville, AL 35986

Information email: info@polyvance.com

EMERGENCY TELEPHONE NUMBER:

24 Hour Emergency contact: Chemtrec: 1-800-424-9300
Outside US: 703-527-3887

Customer Information Number: 256-638-4103 (7AM - 4PM (CST) M-F)

Section 2 - Hazards Identification

Appearance: Viscous

Odor: Characteristic

Hazard Statement:

DANGER! Highly flammable liquid and vapor. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause respiratory irritation. Toxic to aquatic life with long lasting effects.

Signal Word: DANGER!

Signal Word Hazard: Highly flammable liquid and vapor

GHS Physical Hazard Pictogram	GHS Health Hazard Pictogram(s)	GHS Environmental Hazard Pictogram
 Oxidizing	 Irritant	 Environmentally Damaging

GHS Hazards Statement Codes for This Product

Statement Type	Statement Code	Statement Text
Physical	H225	Highly flammable liquid and vapor
Health	H315	Causes skin irritation
Health	H317	May cause an allergic skin reaction
Health	H319	Causes serious eye irritation
Health	H335	May cause respiratory irritation
Environmenta	H411	Toxic to aquatic life with long lasting effects

Precautionary Statement:

Keep away from heat/sparks/open flames/hot surfaces - No smoking. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. In case of fire: Use Carbon Dioxide (CO2), dry extinguishing powder, alcohol resistant foam, water spray jet to extinguish. Collect spillage. Store in a well ventilated place. Keep cool.

GHS Precautionary Statement Codes for This Product

Statement Type	Statement Code	Statement Text
Prevention	P210	Keep away from heat/sparks/open flames/hot surfaces - No smoking
Prevention	P273	Avoid release to the environment
Prevention	P280	Wear protective gloves/protective clothing/eye protection/face protection
Response	P370+378	In case of fire: Use Carbon Dioxide (CO2), dry extinguishing powder, alcohol resistant foam, water spray jet to extinguish
Response	P391	Collect spillage
Storage	P403+235	Store in a well ventilated place. Keep cool

Potential Health Effects

Section 3 - Composition / Information on Ingredients

Component	CAS #	ENIECS	REACH Reg. No.	Amount
Methyl Methacrylate	80-62-6	201-297-1	01-2119452498	60 - 90%
2,6-Di-tert-butyl-p-cresol	128-37-0	204-881-4	01-2119480433	1 - 10%
Methacrylic Acid	79-41-4	201-204-4	01-2119463884	1 - 3%

Section 4 - First Aid Measures

Eye Contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Skin Contact:	Take off immediately all contaminated clothing. Wash with plenty of water. In case of skin irritation, seek medical treatment.
Inhalation:	Remove person to fresh air and keep comfortable for breathing. In case of irregular breathing or respiratory arrest, provide artificial respiration. In case of respiratory tract irritation, consult a physician. In the case of lung irritation: Primary treatment using corticoide spray.
Ingestion:	Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting. Never give anything by mouth to an unconscious person or a person with cramps. In all cases of doubt, or when symptoms persist, seek medical advice.

Section 5 - Firefighting Measures

Extinguishing Media:	Carbon dioxide (CO2). Dry extinguishing powder. alcohol resistant foam. In case of major fire and large quantities: Atomized water.
Special Protective Equipment:	In case of fire: Wear self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes.

Section 6 - Accidental Release Measures

Personal Precautions:	Remove persons to safety. Remove all sources of ignition. Provide adequate ventilation. Do not breathe gas/vapor/aerosol. Avoid contact with skin, eyes and clothes. Wear personal protection equipment.
Environmental Precautions:	Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers). In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Methods for Containment: Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Ventilate affected area. Treat the recovered material as prescribed in the section on waste disposal. Clean contaminated objects and areas thoroughly observing environmental regulations.

Section 7 - Handling and Storage

General Handling Practices: Provide adequate ventilation as well as local exhaust at critical locations. Do not breathe gas/vapour/aerosol. Avoid contact with skin, eyes and clothes. Wear suitable protective clothing. Keep away from sources of ignition. - No smoking. Take precautionary measures against static discharges. Flammable vapours can accumulate in head space of closed systems. In use, may form flammable/explosive vapour-air mixture. Heating causes rise in pressure with risk of bursting.

Storage Requirements: Keep container tightly closed in a cool, well-ventilated place. Protect against direct sunlight. Ensure adequate ventilation of the storage area. Make sure spills can be contained (e.g. sump pallets or kerbed areas). Do not store together with: Gas, explosives, flammable solids, pyrophoric liquids and solids, self-heating substances and mixtures, substances and mixtures which, in contact with water, emit flammable gases, oxidizing liquids, oxidizing solids, ammonium nitrate, self-reactive substances and mixtures, organic peroxides, non-combustible toxic substances, radioactive substances, infectious substances.

Section 8 - Precautions to Control Exposure / Personal Protection

Component	Source	Type	Value	Remarks
2,6-Di-tert-butyl-p-cresol	WEEL	TWA	10 mg/m3	(8 hours)
Methacrylic Acid	WEEL	STEL	143 mg/m3	(15 minutes)
Methacrylic Acid	WEEL	STEL	40 ppm	(15 minutes)
Methacrylic Acid	WEEL	TWA	72 mg/m3	(8 hours)
Methacrylic Acid	WEEL	TWA	20 ppm	(8 hours)
Methyl Methacrylate	WEEL	STEL	416 mg/m3	(15 minutes)
Methyl Methacrylate	WEEL	STEL	100 ppm	(15 minutes)
Methyl Methacrylate	WEEL	TWA	208 mg/m3	(8 hours)
Methyl Methacrylate	WEEL	TWA	50 ppm	(8 hours)

Personal Protective Equipment (PPE):

Eye / Face Protection: Tightly sealed safety glasses. (DIN EN 166)

Skin Protection: Wear fire/flammable resistant/retardant clothing. Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

Respiratory Protection: With correct and proper use, and under normal conditions, breathing protection is not required. Respiratory protection necessary at: Insufficient ventilation, exceeding exposure limit values, generation/formation of aerosols, generation/formation of mist. Suitable respiratory protective equipment: Combination filtering device (EN 14387) Type: A / P2/P3. The filter class must be suitable for the maximum contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

Hygienic Measures: The usual precautions for handling chemicals should be considered. Keep away from food, drink and animal feed. Always close containers tightly after the removal of product. When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Protect skin by using skin protective cream. Take off contaminated clothing and wash it before reuse.

Engineering Controls: Provide adequate ventilation as well as local exhaust at critical locations.

HMIS Personal Protection: H



Splash Goggles



Gloves



Protective Apron



Dust Respirator

Section 9 - Physical and Chemical Properties

Appearance:	Viscous liquid
Odor Threshold:	Not determined
pH:	Not determined
Melting Point:	Not determined
Freezing Point:	Not determined
Boiling Point:	Methyl Methacrylate: 100°C (212°F)
Boiling Range:	Not available
Flash Point:	Methyl Methacrylate: 11.1°C (52°F)
Evaporation Rate:	Not determined
Upper Flammability Limit:	Not determined
Lower Flammability Limit:	Not determined
Vapor Pressure:	Not determined
Vapor Density:	Not determined
Specific Gravity:	Not determined
Solubility in Water:	Miscible
Partition Coefficient:	Not determined
Autoignition Temperature:	Not determined
Decomposition Temperature:	Not determined
Viscosity:	Not determined

Section 10 - Stability and Reactivity

Chemical Stability:	The product is chemically stable under recommended conditions of storage, use and temperature. Can polymerize exothermically in the absence of stabilisers, particularly in acid conditions or if shelf life exceeded.
Conditions to Avoid:	Protect against: Light, UV-radiation/sunlight, heat, cold moisture. Do not store at temperatures over: 60°C (140°F). In use may form flammable/explosive vapor-air mixture. Heating causes rise in pressure with risk of bursting.
Incompatible Materials:	Materials to avoid: Strong acid, oxidizing agents, strong alkalis.
Hazardous Decomposition Products:	Can be released in case of fire: Gas/vapors, irritant. Carbon monoxide Carbon dioxide (CO ₂).

Section 11 - Toxicological Information

Ingestion Toxicity:	LD 50 METHYL METHACRYLATE 7872 mg/kg (oral rat) LD 50 METHACRYLIC ACID 1060 mg/kg (oral rat)
Inhalation:	LC 50 METHYL METHACRYLATE 7093 ppm/4h (inh-rat)
Sensitization:	This product is sensitizing.
Eye Irritation:	Causes serious eye irritation.
Skin Irritation:	Causes skin irritation
Target Organs:	May cause damage to the liver and kidneys. Central nervous system Respiratory system, lungs.

Section 12 - Ecological Information

EcoToxicity: Avoid release to the environment.

Mobility / Partitioning: Do not allow to enter into surface water or drains.

Section 13 - Disposal Considerations

Disposal Method: Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority. When handling waste, consideration should be made to the safety precautions applying to handling of the product.

Container Disposal:

Section 14 - Transport Information

DOT

Proper Shipping Name: Adhesives containing flammable liquid

Hazard Class: 3

Identification Number: UN1133

Packing Group: II

DOT Labeling: None required

Additional DOT Shipping Information: Classification code: F1
Special Provisions: 640D

Limited quantity: 200 L

Excepted quantity: E2

Transport category: 2

Hazard No: 33

Tunnel restriction code: D/E

IMDG (Maritime transport)

Proper Shipping Name: Adhesives containing flammable liquid

IMDG Class: 3

UN Number: UN1133

Label: 3

Marine Pollutant?: Yes

Additional IMDG Information: Marine pollutant: YES
Limited quantity: 200 L
Excepted quantity: E2
EmS: F-E, S-D

IATA (Air transport)

Proper Shipping Name: Adhesives containing flammable liquid

ICAO / IATA Class: 3

UN / ID Number: UN1133

Label: 3

Packing Group II

Additional IATA Shipping Special Provisions: A3

Information: Limited quantity Passenger: 25 L

Passenger LQ: Y341

Excepted quantity: E2

IATA-packing instructions - Passenger: 353

IATA-max. quantity - Passenger: 25L

IATA-packing instructions - Cargo: 364

IATA-max. quantity - Cargo: 200L

Section 15 - Regulatory Information

Superfund Amendments and Reauthorization Act of 1986 (Emergency Planning and Community Right-to-Know Act of 1986)
Sections 311 and 312

Immediate (Acute) Health Hazard: Not available

Delayed (Chronic) Health Hazard: Not available

Fire Hazard: Not available

Reactive Hazard: Not available

Sudden Release of Pressure: Not available

The following lists hazardous components and the regulatory lists for which they are required to be reported.

Component: Methyl Methacrylate

CAS: 80-62-6

Amount: 60 - 90%

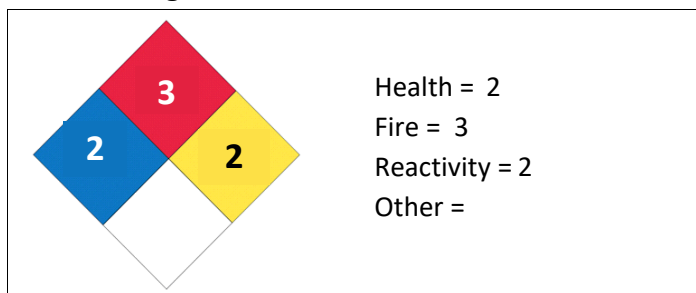
Methyl Methacrylate is listed with Massachusetts Right to Know.

Methyl Methacrylate is listed with Pennsylvania Right to Know.

HMIS Rating (0 - 4)

HEALTH	2	Health = 2
FIRE	3	Fire = 3
PHYSICAL	3	Physical = 3
PERSONAL PROTECTION	H	Personal Protection = H

NFPA Ratings



Section 16 - Other Information

Legend

ACGIH	American Conference of Governmental Hygienists
CAS	Chemical Abstract Service
CFR	Code of Federal Regulations
EPA	Environmental Protection Agency
GHS	Global Harmonized System
HMIS	Hazardous Materials Identification System
LC	Lethal Concentration
LD	Lethal Dose
LTEL	Long Term Exposure Limit
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
OEL	Occupational Exposure Limit
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
SARA	Superfund Amendment and Reauthorization Act
STEL	Short Term Exposure Limit
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
WEEL	Workplace Environmental Exposure Level

DISCLAIMER

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information provided by component suppliers and is believed to be correct as of the date hereof. However, no warranty or merchantability, fitness for any use, or any other warranty is expressed or is to be implied regarding the accuracy of this data, the results to be obtained from the use of the material, or the hazards connected with such use. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, and since data made available subsequent to the date hereof may suggest modification of the information, we assume no responsibility for the result of its use. This information and material is furnished on the condition that the person receiving it shall make his/her own determination as to the suitability of the material for his/her particular purpose and on the condition that he/she assume the risk of his/her use thereof.