



Safety Data Sheet

Plastic Weld Epoxy Part A/ Part B

Section 1. Identification

Product Identifier Plastic Weld Epoxy Part A

Synonyms 44115

Manufacturer Stock Numbers 143340

Recommended use Refer to Technical Information

Uses advised against Refer to Technical Information

Manufacturer Contact

Address Dynatex *a division of* Soudal
350 Ring Road
Elizabethtown, KY, 42701
USA

Phone
(270) 769-3385

Emergency Phone
(800) 424-9300
CHEMTREC

Fax
(270) 769-6418

Section 2. Hazards Identification

Classification ACUTE TOXICITY - DERMAL - Category 4
ACUTE TOXICITY - ORAL - Category 4
EYE DAMAGE/IRRITATION - Category 2A
FLAMMABLE LIQUIDS - Category 2
SKIN CORROSION/IRRITATION - Category 2
SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) - Category 3

Signal Word Danger

Pictogram



Hazard Statements

Causes serious eye irritation
Causes skin irritation
Harmful if swallowed
Harmful in contact with skin
Highly flammable liquid and vapor
May cause respiratory irritation.

Precautionary Statements

Response

Call a poison center/doctor if you feel unwell.
If eye irritation persists: Get medical advice/attention.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If inhaled: Remove person to fresh air and keep comfortable for breathing. If medical advice is needed, have product container or label at hand.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
If skin irritation occurs: Get medical advice/attention.
If swallowed: Call a poison center/doctor if you feel unwell.
In case of fire: Use CO₂, powder or water spray to extinguish.
Rinse mouth.
Take off contaminated clothing and wash it before reuse.
Take off immediately all contaminated clothing and wash it before reuse.

Prevention

Avoid breathing dust/fume/gas/mist/ vapors/spray.
Do not eat, drink or smoke when using this product.
Ground/bond container and receiving equipment.
Keep away from heat.
Keep container tightly closed.
Take precautionary measures against static discharge.
Use explosion-proof electrical/ventilating/lighting equipment.
Use only non-sparking tools.
Use only outdoors or in a well-ventilated area.
Wash thoroughly after handling.
Wear protective gloves/eye protection/face protection
Wear protective gloves/protective clothing.

Storage

Store in a well-ventilated place. Keep container tightly closed.
Store in a well-ventilated place. Keep cool.
Store locked up.

Disposal

Dispose of contents/container to in accordance with local/regional/national /international regulations.

Ingredients of unknown toxicity

0%

Hazards not Otherwise Classified

Results of PBT and vPvB assessment PBT: Not applicable.
vPvB: Not applicable.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
80-62-6	Methyl Methacrylate	50% - 100%
79-41-4	Methacrylic acid	5% - 10%

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Description of first aid measures

General information:
Immediately remove any clothing soiled by the product.

After inhalation:
Supply fresh air; consult doctor in case of complaints.

After skin contact:
Immediately wash with water and soap and rinse thoroughly.

After eye contact:
Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing:
Call a doctor immediately.
Drink copious amounts of water and provide fresh air. Immediately call a doctor.

Most important symptoms and effects, both acute and delayed

Breathing difficulty

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media

Carbon dioxide, sand, extinguishing powder. Do not use water.

Unsuitable Extinguishing Media

Water with full jet.

Special hazards arising from the substance or mixture

No further relevant information available

Advice for firefighters

Protective equipment

Wear self-contained respiratory protective device.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Wear protective equipment.
Keep unprotected persons away.
Ensure adequate ventilation

Environmental precautions

Do not allow product to reach sewage system or any water course.
Prevent seepage into sewage system, workpits and cellars.
Inform respective authorities in case of seepage into water course or sewage system.

Methods and material for containment and cleaning up

Use neutralizing agent.
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
Do not flush with water or aqueous cleansing agents.

Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

Section 7. Handling and Storage

Precautions for safe handling

Store in cool, dry place in tightly closed receptacles.
Keep away from heat and direct sunlight.
Ensure good ventilation/exhaustion at the workplace.

Information about fire - and explosion protection

Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

Requirements to be met by storerooms and receptacles

Store in a cool location.
Store only in the original receptacle.

Information about storage in one common storage facility

Store away from oxidizing agents.

Further information about storage conditions

Keep receptacle tightly sealed.
Store in cool, dry conditions in well sealed receptacles.

Specific end use(s)

No further relevant information available.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits

Ingredient Name

ACGIH TLV

OSHA PEL

STEL

Methyl Methacrylate

100 ppm TWA

100 ppm TWA

100 ppm

Personal Protective Equipment	Goggles, Gloves
Additional information about design of technical systems	No further data; see item 7
Additional information General protective and hygienic measures	The lists that were valid during the creation were used as basis. The usual precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Avoid contact with the eyes and skin.
Breathing equipment	Not necessary if room is well-ventilated.
Protection of hands	Impervious gloves The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation The selection of the suitable gloves does not only depend on the material, but on further marks of quality and varies from manufacturer to manufacturer. Butyl rubber, BR Neoprene gloves Penetration time of glove material The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. Not suitable are gloves made of the following materials: Cotton or natural fibers PVC gloves
Eye protection	Tightly sealed goggles
Body protection	Protective work clothing

Section 9. Physical and Chemical Properties

Physical State	Highly viscous
Color	Whitish
Odor	Characteristic
Odor Threshold	Not determined
Solubility	not miscible, difficult to mix
Partition coefficient Water/n-octanol	Not determined
VOC%	0.0 g/l 0.00 lb/gl
Viscosity	Not determined

Specific Gravity	N/A
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	10C 50F
FP Method	N/A
pH	Not determined
Melting Point	Undetermined
Boiling Point	Undetermined
Boiling Range	N/A
LEL	2.1
UEL	12.5
Evaporation Rate	Not determined
Flammability	Not applicable
Decomposition Temperature	Not determined
Auto-ignition Temperature	Product is not selfigniting
Vapor Pressure	@20C 47 hPa (35 mm Hg)
Vapor Density	Not determined

Ignition temperature	430C 806F
Danger of explosion	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
Note	The above information is not intended for use in preparing product specifications. Contact Soudal Accumetric before writing specifications.

Section 10. Stability and Reactivity

Reactivity	No further relevant information available.
Thermal decomposition / conditions to be avoided	No decomposition if used according to specifications.
Possibility of hazardous reactions	No dangerous reactions known.
Conditions to avoid	No further relevant information available.
Incompatible materials	No further relevant information available.
Hazardous decomposition products	No dangerous decomposition products known.

Section 11. Toxicological Information

Acute toxicity LD/LC50 values that are relevant for classification:

	80-62-6 methyl methacrylate Oral LD50 7872 mg/kg (rat)
	79-41-4 methacrylic acid Oral LD50 1332 mg/kg (mouse) Dermal LD50 500 mg/kg (rabbit)
Primary irritant effect	On the skin: Caustic effect on skin and mucous membranes. Irritant to skin and mucous membranes.
	On the eye: Strong caustic effect. Irritating effect.
Sensitization	Sensitization possible through skin contact.
Carcinogenic categories	IARC (International Agency for Research on Cancer) 80-62-6 methyl methacrylate Rating: 3
	NTP (National Toxicology Program) None of the ingredients is listed.
	OSHA-Ca (Occupational Safety & Health Administration) None of the ingredients is listed.
Additional toxicological information	The product shows the following dangers according to internally approved calculation methods for preparations: Corrosive Irritant
	Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

Section 12. Ecological Information

Aquatic toxicity	No further relevant information available.
Persistence and degradability	No further relevant information available.
Bioaccumulative potential	No further relevant information available.
Mobility in soil	No further relevant information available.
Results of PBT and vPvB assessment	PBT: Not applicable. vPvB: Not applicable.
Additional ecological information	Water hazard class 1 (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Must not reach bodies of water or drainage ditch undiluted or unneutralized.
Other adverse effects	No further relevant information available.

Section 13. Disposal

Waste treatment methods	Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
Recommendation	
Uncleaned packagings	Disposal must be made according to official regulations.

Section 14. Transport Information

UN Number	1133
UN Proper Shipping Name	Adhesives
DOT Classification	Class 3 Flammable liquids
Packing Group	II
Marine Pollutant	No
Special precautions for user	Not applicable
EMS Number	F-E, S-D
Stowage Category	B
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable
UN "Model Regulation"	Void

Section 15. Regulatory Information

SARA Title III	Section 355 (extremely hazardous substances): None of the ingredients is listed.
	Section 313 (Specific toxic chemical listings): 80-62-6 methyl methacrylate
TSCA (Toxic Substances Control Act)	All ingredients are listed.
Carcinogenic categories	EPA (Environmental Protection Agency) 80-62-6 methyl methacrylate Rating: E, NL
	TLV (Threshold Limit Value established by ACGIH) 80-62-6 methyl methacrylate Rating: A4
	NIOSH-Ca (National Institute for Occupational Safety and Health) None of the ingredients is listed.
California Prop 65	This product does not contain any chemicals known to the State of California to cause cancer, birth or any other reproductive defects. For more information, go to www.P65Warnings.ca.gov

Section 16. Other Information

Revision Date

6/7/2018

Disclaimer

The data contained herein is based upon information that Soudal Accumetric believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.

Safety Data Sheet

Plastic Weld Epoxy Part B

Section 1. Identification

Product Identifier Plastic Weld Epoxy Part B

Synonyms 44115

Manufacturer Stock Numbers 143340

Recommended use Refer to Technical Information

Uses advised against Refer to Technical Information

Manufacturer Contact

Address Dynatex *a division of* Soudal
350 Ring Road
Elizabethtown, KY, 42701
USA

Phone
(270) 769-3385

Emergency Phone
(800) 424-9300
CHEMTREC

Fax
(270) 769-6418

Section 2. Hazards Identification

Classification EYE DAMAGE/IRRITATION - Category 2A
FLAMMABLE LIQUIDS - Category 2
SKIN CORROSION/IRRITATION - Category 2
SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) - Category 3

Signal Word Danger

Pictogram



Hazard Statements

Causes serious eye irritation
Causes skin irritation
Highly flammable liquid and vapor
May cause respiratory irritation.

Precautionary Statements

Response

Call a poison center/doctor if you feel unwell.
If eye irritation persists: Get medical advice/attention.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
If medical advice is needed, have product container or label at hand.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
If skin irritation occurs: Get medical advice/attention.
In case of fire: Use CO₂, powder or water spray to extinguish.
Take off contaminated clothing and wash it before reuse.

Prevention

Avoid breathing dust/fume/gas/mist/ vapors/spray.
Ground/bond container and receiving equipment.
Keep away from heat.
Keep container tightly closed.
Take precautionary measures against static discharge.
Use explosion-proof electrical/ventilating/lighting equipment.
Use only non-sparking tools.
Use only outdoors or in a well-ventilated area.
Wash thoroughly after handling.
Wear protective gloves/eye protection/face protection

Storage

Store in a well-ventilated place. Keep container tightly closed.
Store in a well-ventilated place. Keep cool.
Store locked up.

Disposal

Dispose of contents/container in accordance with local/regional/national /international regulations.

Ingredients of unknown toxicity

0%

Hazards not Otherwise Classified

Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
80-62-6	Methyl Methacrylate	50% - 100%

Section 4. First-Aid Measures

Description of first aid measures	After inhalation: Supply fresh air; consult doctor in case of complaints. After skin contact: Immediately wash with water and soap and rinse thoroughly. After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor. After swallowing: Call a doctor immediately.
Most important symptoms and effects, both acute and delayed	Breathing difficulty
Indication of any immediate medical attention and special treatment needed	No further relevant information available.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Carbon dioxide, sand, extinguishing powder. Do not use water.
Unsuitable Extinguishing Media	Water with full jet.
Special hazards arising from the substance or mixture	No further relevant information available
Protective equipment	Wear self-contained respiratory protective device.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation
Environmental precautions	Do not allow product to reach sewage system or any water course. Prevent seepage into sewage system, workpits and cellars. Inform respective authorities in case of seepage into water course or sewage system.
Methods and material for containment and cleaning up	Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents

Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

Section 7. Handling and Storage

Precautions for safe handling

Store in cool, dry place in tightly closed receptacles.
Keep away from heat and direct sunlight.
Ensure good ventilation/exhaustion at the workplace.

Information about fire - and explosion protection

Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

Requirements to be met by storerooms and receptacles

Store in a cool location.
Store only in the original receptacle.

Further information about storage conditions

Keep receptacle tightly sealed.
Store in cool, dry conditions in well sealed receptacles.

Specific end use(s)

No further relevant information available.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits

Ingredient Name	ACGIH TLV	OSHA PEL	STEL
Methyl Methacrylate	100 ppm TWA	100 ppm TWA	100 ppm

Personal Protective Equipment

Goggles, Gloves

Additional information about design of technical systems

No further data; see item 7

Additional information Personal protective equipment

The lists that were valid during the creation were used as basis.
The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Avoid contact with the eyes and skin.

Breathing equipment Protection of hands

Not necessary if room is well-ventilated.

Impervious gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Not suitable are gloves made of the following materials:

Cotton or natural fibers

PVC gloves

Eye protection

Tightly sealed goggles

Body protection

Protective work clothing

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Whitish
Odor	Pungent
Odor Threshold	Not determined
Solubility	Not miscible, difficult to mix
Partition coefficient Water/n-octanol	Not determined
VOC%	0.0 g/l 0.00 lb/gl
Viscosity	Not determined
Specific Gravity	N/A
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	10C 50F
FP Method	N/A
pH	Not determined
Melting Point	Undetermined
Boiling Point	Undetermined
Boiling Range	N/A
LEL	2.1
UEL	12.5
Evaporation Rate	Not determined
Flammability	Not applicable
Decomposition Temperature	Not determined
Auto-ignition Temperature	Product is not selfigniting
Vapor Pressure	@20C 47 hPa (35 mm Hg)
Vapor Density	Not determined

Ignition temperature	430C 806F
Danger of explosion	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
Note	The above information is not intended for use in preparing product specifications. Contact Soudal Accumetric before writing specifications.

Section 10. Stability and Reactivity

Reactivity	No further relevant information available.
Thermal decomposition / conditions to be avoided	No decomposition if used according to specifications.
Possibility of hazardous reactions	No dangerous reactions known.
Conditions to avoid	No further relevant information available.
Incompatible materials	No further relevant information available.
Hazardous decomposition products	No dangerous decomposition products known.

Section 11. Toxicological Information

Primary irritant effect	On the Skin: Irritant to skin and mucous membranes
	On the Eye: Irritating effect
Sensitization	Sensitization possible through skin contact.
Additional toxicological information	The product shows the following dangers according to internally approved calculation methods for preparations: Irritant
Carcinogenic categories	IARC (International Agency for Research on Cancer) 80-62-6 methyl methacrylate Rating: 3
	NTP (National Toxicology Program) None of the ingredients is listed.
	OSHA-Ca (Occupational Safety & Health Administration) None of the ingredients is listed.

Section 12. Ecological Information

Aquatic toxicity	No further relevant information available.
Persistence and degradability	No further relevant information available.
Bioaccumulative potential	No further relevant information available.

Mobility in soil	No further relevant information available.
Additional ecological information	Water hazard class 1 (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Results of PBT and vPvB assessment	PBT: Not applicable. vPvB: Not applicable.
Other adverse effects	No further relevant information available.

Section 13. Disposal

Waste treatment methods Recommendation	Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
Uncleaned packagings Recommendations	Disposal must be according to official regulations.

Section 14. Transport Information

UN Number	1133
UN Proper Shipping Name	Adhesives
DOT Classification	3 Flammable liquids
Packing Group	II
Marine Pollutant	No
Special precautions for user	Not applicable
EMS Number	F-E, S-D
Stowage Category	B
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable
UN "Model Regulation"	Void

Section 15. Regulatory Information

SARA Title III	Section 355 (extremely hazardous substances): None of the ingredients is listed.
	Section 313 (Specific toxic chemical listings): All ingredients are listed.
TSCA (Toxic Substances Control Act)	All ingredients are listed.
Carcinogenic categories	EPA (Environmental Protection Agency) 80-62-6 methyl methacrylate Rating: E, NL
	TLV (Threshold Limit Value established by ACGIH)

80-62-6 methyl methacrylate
Rating: A4

NIOSH-Ca (National Institute for Occupational Safety and Health)
None of the ingredients is listed.

California Prop 65

This product does not contain any chemicals known to the State of California to cause cancer, birth or any other reproductive defects. For more information, go to www.P65Warnings.ca.gov

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Revision Date

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