



This Safety Data Sheet packet contains the documents for the products listed below:

Dynatex® 44109 Multi Metal Epoxy Part A
Dynatex® 44109 Multi Metal Epoxy Part B

The product listed has two separate components; please confirm that you have the SDS for both parts before use.



Safety Data Sheet

Dynatex® 44109 Multi Metal Epoxy Part A

Section 1. Identification

Product Identifier Dynatex® 44109 Multi Metal Epoxy Part A

Synonyms 44109GY12a

Manufacturer Stock Numbers 44109GY12a

Recommended use N/A

Uses advised against N/A

Manufacturer Contact

Address Dynatex a division of Soudal Accumetric
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 CARCINOGENICITY - Category 2
EYE DAMAGE/IRRITATION - Category 2B
GERM CELL MUTAGENICITY - Category 2
SENSITIZATION - SKIN - Category 1
SKIN CORROSION/IRRITATION - Category 2

Signal Word

Pictogram

Hazard Statements Causes eye irritation
Causes skin irritation
May cause an allergic skin reaction
Suspected of causing cancer.

Suspected of causing genetic defects.

Precautionary Statements

Response

If exposed or concerned: Get medical advice/attention.
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 medical advice is needed, have product container or label on hand.
If on skin: Wash with plenty of water.
If skin irritation occurs: Get medical advice/attention.
If skin irritation or rash occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
Wash contaminated clothing before reuse.

Prevention

Avoid breathing dust/fume/gas/mist/ vapors/spray.
Contaminated work clothing must not be allowed out of the workplace.
Do not handle until all safety precautions have been read and understood.
Obtain special instructions before use.
Wash thoroughly after handling.
Wear protective gloves.
Wear protective gloves/eye protection/face protection.

Storage

Store locked up.

Disposal

Dispose of contents/container in accordance with local, regional, national and 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 %
25068-38-6	Bisphenol A / Epichlorohydrin Resin	50% - 100%
2426-08-6	n-Butyl Glycidyl Ether	1% - 2.5%

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

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
If symptoms persist consult doctor.

Information for 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

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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

Measures for environmental protection

Do not allow product to reach sewer system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.

Methods and material for containment and cleaning up

Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.

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 protection against explosions and fires

No special measures required.

Requirements to be met by storerooms and

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

receptacles

Information about storage in one common storage facility Store away from oxidizing agents.

Further information about storage conditions Keep receptacle tightly sealed.

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
	Bisphenol A / Epichlorohydrin Resin	N/A	N/A	N/A
	n-Butyl Glycidyl Ether	N/A	N/A	N/A

Personal Protective Equipment Goggles, Gloves

Additional information about design of technical systems No further data; see item 7

Additional information The lists that were valid during the creation were used as basis.

Personal protective equipment 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

Material of gloves
Nitrile rubber, NBR

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 paste
Color	Dark grey
Odor	Mild
Odor Threshold	Not determined
Solubility	Not miscible, difficult to mix
Partition coefficient Water/n-octanol	Not determined
VOC%	N/A
Viscosity	Not determined
Specific Gravity	1.26
Density lbs/Gal	10.515
Pounds per Cubic Foot	N/A
Flash Point	>93C >199F
FP Method	N/A
pH	Not determined
Melting Point	Undetermined
Boiling Point	>165C >329F
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	Not determined
Flammability	Not applicable
Decomposition Temperature	Not determined
Auto-ignition Temperature	Product is not selfigniting
Vapor Pressure	Not determined
Vapor Density	Not determined

Note

The above information is not intended for use in preparing product specifications. Contact Soudal Accumetric before writing specifications.

Section 10. Stability and Reactivity

Thermal decomposition / conditions to be avoided

No decomposition if used according to specifications.

Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

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: No irritant effect. on the eye: No irritating effect.
Sensitization	No sensitizing effects known
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) None of the ingredients is listed. 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.
Behavior in environmental systems	Bioaccumulative potential No further relevant information available. Mobility in soil No further relevant information available
Ecotoxicological effects	Toxic for fish
Additional ecological information	Water hazard class 2 (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground. Also poisonous for fish and plankton in water bodies. Toxic for aquatic organisms.
Results of PBT and vPvB assessment	PBT: Not applicable. vPvB: Not applicable.
Other adverse effects	No further relevant information available.

Section 13. Disposal

Waste Disposal Recommendation	Must not be disposed together with household garbage. Do not allow product to reach sewage system.
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Section 14. Transport Information

UN Number	3082
UN Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (reaction product: bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight 10700)), MARINE POLLUTANT
DOT Classification	N/A
Packing Group	III
IMDG Notes	Limited quantities (LQ) 5L Excepted quantities (EQ) Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml

Section 15. Regulatory Information

SARA	Section 355 (extremely hazardous substances): None of the ingredients is listed. Section 313 (Specific toxic chemical listings): None of the ingredients is listed.
TSCA (Toxic Substances Control Act)	All ingredients are listed.
Carcinogenic categories	EPA (Environmental Protection Agency) None of the ingredients is listed. TLV (Threshold Limit Value established by ACGIH) 107-21-1 ethanediol 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

Dynatex® 44109 Multi Metal Epoxy Part B

Section 1. Identification

Product Identifier Dynatex® 44109 Multi Metal Epoxy Part B

Synonyms 44109GY12b

Manufacturer Stock Numbers 44109GY12b

Recommended use Refer to Technical Information

Uses advised against Refer to Technical Information

Manufacturer Contact

Address

Dynatex a division of Soudal Accumetric
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
SKIN CORROSION/IRRITATION - Category 2

Signal Word

Warning

Pictogram



Hazard Statements

Causes serious eye irritation
Causes skin irritation

Precautionary Statements

Response	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 medical advice is needed, have product container or label at hand. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
Prevention	Wash thoroughly after handling. Wear eye protection/face protection. Wear protective gloves.
Storage	N/A
Disposal	N/A

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 %
68410-23-1	Polyamide Resin	50% - 100%

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

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 If symptoms persist consult 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	Use fire fighting measures that suit the environment.
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	Ensure adequate ventilation
Environmental precautions	Do not allow product to reach sewage system or any water course. Dilute with plenty of water.
Methods and material for containment and cleaning up	Ensure adequate ventilation.
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 protection against explosions and fires	No special measures required.
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.
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
	Polyamide Resin	N/A	N/A	N/A
Personal Protective Equipment	Goggles, Gloves			
Additional information about design of technical systems	No further data; see item 7			
Components with limit values that require monitoring at the workplace	The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.			
Additional information Personal protective equipment	<p>The lists that were valid during the creation were used as basis.</p> <p>General protective and hygienic measures: 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.</p> <p>Breathing equipment Not necessary if room is well-ventilated.</p> <p>Protection of hands Protective gloves 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</p> <p>Material of gloves Nitrile rubber, NBR</p> <p>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.</p> <p>Not suitable are gloves made of the following materials: Cotton or natural fibers PVC gloves</p> <p>Eye protection Safety glasses Tightly sealed goggles</p> <p>Body protection Protective work clothing</p>			

Section 9. Physical and Chemical Properties

Physical State	Paste
Color	Beige
Odor	Amine-like
Odor Threshold	Not determined
Solubility	Fully miscible
Partition coefficient Water/n-octanol	Not determined
VOC%	N/A
Viscosity	Not determined
Specific Gravity	N/A
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	266C 511F
FP Method	N/A
pH	Not determined
Melting Point	Undetermined
Boiling Point	140C 284F
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	Not determined
Flammability	Not applicable
Decomposition Temperature	Not determined
Auto-ignition Temperature	Product is selfigniting
Vapor Pressure	Not determined
Vapor Density	Not determined

Note

The above information is not intended for use in preparing product specifications. Contact Soudal Accumetric before writing specifications.

Section 10. Stability and Reactivity

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: No irritant effect. on the eye: No irritating effect.
Sensitization	No sensitizing effects known
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) None of the ingredients is listed. 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	Disposal must be made according to official regulations.
Recommended cleansing agent	Water, if necessary with cleansing agents.

Section 14. Transport Information

UN Number	3082
UN Proper Shipping Name	Environmentally hazardous substances, liquid, n.o.s.
DOT Classification	9 Miscellaneous dangerous substances and articles
Packing Group	III
Marine Pollutant	No
Special precautions for user	Not applicable
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable
EMS Number	F-A, S-F

Section 15. Regulatory Information

SARA	Section 355 (extremely hazardous substances): None of the ingredients is listed.
	Section 313 (Specific toxic chemical listings): None of the ingredients is listed.
TSCA (Toxic Substances Control Act)	All ingredients are listed.
Carcinogenic categories	EPA (Environmental Protection Agency) None of the ingredients is listed.
	TLV (Threshold Limit Value established for Occupational Safety and Health) None of the ingredients is listed.
	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.