



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

Dynatex® 49401 Rear View Mirror Adhesive Part A
Dynatex® 49401 Rear View Mirror Adhesive 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® 49401 Rear View Mirror Adhesive - Part A

Section 1. Identification

Product Identifier	Dynatex® 49401 Rear View Mirror Adhesive - Part A		
Synonyms	49401ACL86		
Manufacturer Stock Numbers	49401ACL86		
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	Emergency Phone	Fax
	(270) 769-3385	(800) 424-9300 CHEMTREC	(270) 769-6418

Section 2. Hazards Identification

Classification	EYE DAMAGE/IRRITATION - Category 2A FLAMMABLE LIQUIDS - Category 2 SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) - Category 3
Signal Word	Danger
Pictogram	

Hazard Statements

Causes serious eye irritation
Highly flammable liquid and vapor
May cause drowsiness or dizziness

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 on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
In case of fire: Use CO₂ powder or water spray to extinguish.

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 eye protection/face protection.
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, state and federal regulations.

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

Additional Information None known

Section 3. Ingredients

CAS	Ingredient Name	Weight %
67-63-0	Isopropanol	50% - 100%
1338-02-9	Naphthenic acids, copper salts	2.5% - 10%

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

Section 4. First-Aid Measures

Eye Contact	Rinse with water for 15 minutes. Obtain medical attention.
Skin Contact	Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use. Get medical attention if irritation develops.
Ingestion	DO NOT INDUCE VOMITING. Seek immediate medical attention.
Inhalation	Remove to fresh air. If symptoms persist, obtain appropriate medical attention.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Carbon dioxide, dry chemical, foam, water fog
Unsuitable Extinguishing Media	None known
Special Fire Fighting Procedures	Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals.
Unusual Fire or Explosion Hazards	None known

Section 6. Accidental Release Measures

Steps to be taken in case of spill or release	Remove sources of ignition. Use with ventilation. Dike area to prevent spreading and absorb with inert material.
---	--

Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.

Section 7. Handling and Storage

Handling	Keep container tightly closed. Avoid contact with skin. Avoid breathing vapors.
Storage	Store away from heat and direct sunlight to maximize shelf life. Store inside in a dry location. Avoid storage over 100F.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Isopropanol	400 ppm	400 ppm	500 ppm
	Naphthenic acids, copper salts	N/A	N/A	N/A

Personal Protective Equipment	Goggles, Gloves
Eye Protection	Use safety eye wear including safety glasses with side shields and chemical goggles where splashing may occur.

Skin Protection

Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.

Ventilation

Local exhaust ventilation is recommended to maintain vapor level below TLV.

Respiratory Protection

Use NIOSH/MSHA compliant respirators or self-contained breathing apparatus above exposure limits. Follow OSHA regulations 29 CFR 1910.134.

Section 9. Physical and Chemical Properties

Physical State	Fluid
Color	Clear
Odor	Alcohol-like
Odor Threshold	Not determined
Solubility	1 g/l in water @ 20C
Partition coefficient Water/n-octanol	Not determined
VOC%	100.0% (785.0 g/l)
Viscosity	2.43 mPa @20C
Specific Gravity	0.785
Density lbs/Gal	6.551
Pounds per Cubic Foot	N/A
Flash Point	13C 55F
FP Method	N/A
pH	neutral
Melting Point	-89.5C -129F
Boiling Point	82C 180F
Boiling Range	N/A
LEL	2
UEL	12
Evaporation Rate	No determined
Flammability	Not applicable
Decomposition Temperature	Not determined
Auto-ignition Temperature	Not determined
Vapor Pressure	43 hPa (32mm Hg) @ 25C
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

Chemical Stability	Stable
Hazardous polymerization	Will not occur
Materials to Avoid	Oxidizers and reducing agents, heat, free radical generators.

Section 11. Toxicological Information

Toxicity	Eye, skin and respiratory tract irritant. May cause allergic skin reaction.
----------	---

Section 12. Ecological Information

Fate and Effects in Waste Water Treatment Plants	Complete information is not yet available.
Environmental Fate and Distribution	Complete information is not yet available.
Environmental Effects	Complete information is not yet available.

Section 13. Disposal

Waste Disposal Method	<p>We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.</p> <p>This product is not known to be regulated under RCRA regulations. Disposal of unused portions of this product and process waste containing this product should be done only after a careful evaluation and in compliance with all federal, local and state laws.</p>
-----------------------	--

Section 14. Transport Information

UN Number	1219
UN Proper Shipping Name	DOT: Isopropanol (Isopropyl alcohol) IMDG, IATA: ISOPROPANOL (ISOPROPYL ALCOHOL)
DOT Classification	Class: 3 Flammable liquids Label: 3
Packing Group	II
Marine Pollutant	No
Special precautions for user	Warning: Flammable liquids Danger code (Kemler): 33 EMS Number: F-E,S-D

Transport in bulk according to Not applicable

Annex II of MARPOL73/78
and the IBC
Code

Transport/Additional
information

DOT
Quantity limitations On passenger aircraft/rail: 5 L
On cargo aircraft only: 60 L

IMDG
Limited quantities (LQ) 1L
Excepted quantities (EQ) Code: E2
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 500 ml

UN "Model Regulation"
UN1219, Isopropanol (Isopropyl alcohol), 3, II

Section 15. Regulatory Information

	The contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.
TSCA Status	All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.
SARA Title III Section 302 Extremely Hazardous Substances	None
SARA Titre III Section 304 CERCLA Substances dangereuses	None
SARA Title III Section 313 Toxic Chemicals	None present or none present in regulated quantities.
California Proposition 65	This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm: None known

Section 16. Other Information

Revision Date 5/29/2018

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® 49401 Rear View Mirror Adhesive - Part B

Section 1. Identification

Product Identifier	Dynatex® 49401 Rear View Mirror Adhesive - Part B		
Synonyms	49401BCL12		
Manufacturer Stock Numbers	49401BCL12		
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	Emergency Phone	Fax
	(270) 769-3385	(800) 424-9300 CHEMTREC	(270) 769-6418

Section 2. Hazards Identification

Classification	EYE DAMAGE/IRRITATION - Category 2A SENSITIZATION - SKIN - Category 1 SKIN CORROSION/IRRITATION - Category 2
Signal Word	Warning
Pictogram	

Hazard Statements
Causes serious eye irritation
Causes skin irritation
May cause an allergic skin reaction

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.
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.
Wash thoroughly after handling.
Wear eye protection/face protection.
Wear protective gloves.

Storage
N/A

Disposal
Dispose of contents/container in accordance with local, state and federal regulations.

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

Additional Information None known

Section 3. Ingredients

CAS	Ingredient Name	Weight %
2530-83-8	3-Glycidoxypropyl-trimethoxysilane	2.5% - 10%
142-90-5	dodecyl methacrylate	2.5% - 10%
27813-02-1	2-Hydroxypropyl methacrylate	10% - 25%
79-10-7	Acrylic acid	1% - 2.5%
613-48-9	NN Diethyl-P Toluidine	1% - 2.5%
80-15-9	α,α -dimethylbenzyl hydroperoxide	0.1% - 1%
609-72-3	N,N-dimethyl-o-toluidine	0.1% - 1%
110-16-7	Acrylic Acid	0.1% - 1%

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

Section 4. First-Aid Measures

General information	Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
After inhalation	Supply fresh air; consult doctor in case of complaints. Seek medical treatment.
After skin contact	Immediately wash with water and soap and rinse thoroughly. Seek medical treatment.
After eye contact	Rinse opened eye for several minutes under running water. Then consult a doctor.
After swallowing	Call for 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	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
Advice for firefighters	Protective equipment: Mouth respiratory protective device. Wear self-contained respiratory protective device.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Ensure adequate ventilation Wear protective clothing.
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	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Pick up mechanically. Ensure adequate ventilation. Dispose of the collected material according to regulations.
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
	3-Glycidoxypropyl-trimethoxysilane	N/A	N/A	N/A
	dodecyl methacrylate	N/A	N/A	N/A
	2-Hydroxypropyl methacrylate	N/A	N/A	N/A
	Acrylic acid	2ppm TWA (Skin)	10ppm TWA	3ppm (Skin)
	NN Diethyl-P Toluidine	N/A	N/A	N/A
	α,α -dimethylbenzyl hydroperoxide	None	None	N/A
	N,N-dimethyl-o-toluidine	N/A	N/A	N/A
	Acrylic Acid	2 ppm	N/A	20 ppm

Personal Protective Equipment	Goggles, Gloves
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. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.
Breathing equipment	Not necessary if room is well-ventilated.
Protection of hands	Neoprene 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

Material of gloves:
Butyl rubber, BR
Nitrile rubber, NBR
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

Safety glasses
Tightly sealed safety goggles

Body protection

Protective work clothing

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Clear
Odor	Characteristic
Odor Threshold	Not determined
Solubility	Not miscible
Partition coefficient Water/n-octanol	Not determined
VOC%	N/A
Viscosity	Not determined
Specific Gravity	0.9945
Density lbs/Gal	8.299
Pounds per Cubic Foot	N/A
Flash Point	100C 212F
FP Method	N/A
pH	Not determined
Melting Point	Undetermined
Boiling Point	100C 212F
Boiling Range	N/A
LEL	5.3
UEL	26
Evaporation Rate	Not determined
Flammability	Not applicable
Decomposition Temperature	Not determined

Auto-ignition Temperature	Product is not selfigniting
Vapor Pressure	4.3 hPa (3mm Hg) @20C
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 Danger of polymerization.

Conditions to avoid No further relevant information available.

Incompatible materials No further relevant information available.

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:
Harmful
Irritant

Carcinogenic categories IARC (International Agency for Research on Cancer)
79-10-7 acrylic acid 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 degradibility 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 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 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

N/A

UN Proper Shipping Name

Void

DOT Classification

Void

Packing Group

Void

Marine Pollutant

No

Special precautions for user

Not applicable

Transport in bulk according to

Not applicable

Annex II of MARPOL73/78 and the IBC Code

Section 15. Regulatory Information

SARA

Section 355 (extremely hazardous substances):
None of the ingredients is listed.

TSCA (Toxic Substances Control Act)

Section 313 (Specific toxic chemical listings):
79-10-7 acrylic acid
80-15-9 α,α -dimethylbenzyl hydroperoxide
27813-02-1 methacrylic acid, monoester with propane-1,2-diol
142-90-5 dodecyl methacrylate
2530-83-8 [3-(2,3-epoxypropoxy)propyl]trimethoxysilane
128-44-9 Saccharin sodium salt hydrate
79-10-7 acrylic acid
613-48-9 NN Diethyl-P Toluidine
80-15-9 α,α -dimethylbenzyl hydroperoxide
609-72-3 N,N-dimethyl-o-toluidine

110-16-7 maleic acid

Silica

California Proposition 65

Chemicals known to cause cancer:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

Carcinogenic categories

EPA (Environmental Protection Agency)

None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH)

79-10-7 acrylic acid A4

NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

Section 16. Other Information

Revision Date

5/29/2018

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.