

Material Safety Data Sheet

Section 1: Product and Company Identification

Product Name: ACC 101 Quick Patch Part A

Sold By: Advantage Chemical Coatings LLC.
16585 N 92nd Street Suite 106
Scottsdale, Arizona 85260
877.830.COAT

FOR CHEMICAL EMERGENCY Spill, leak, fire, exposure, or accident, call 24 hours
877.830.2628

Fax Phone: 480.502.9071

Section 2: Composition/Information on Ingredients

<u>Hazardous Components</u>	<u>CAS#</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>
4,4'-Diphenylmethane-Diisocyanate	101-68-8	10 ppm	005 ppm
Petroleum Hydrocarbon	64742-95	Not Determined	Not Determined

Section 3: Hazards Identification

Emergency Overview:

Routes of Entry:

<u>Route</u>	<u>Entry Risk</u>
Inhalation	Possible
Ingestion	Possible
Skin Contact	Possible
Eye Contact	Possible

Potential Health Effects:

Inhalation	May cause nausea and respiratory tract irritation. May cause respiratory sensitization in susceptible individuals.
Ingestion	No significant signs or symptoms of any adverse health hazards.
Skin Contact	Product is a slight skin irritant. May Cause swelling and redness.
Eye Contact	Mild eye irritant. Vapors slightly uncomfortable. Splashes irritating and painful.

Acute Health Hazards: No information is available on the acute health hazards of this product. Based upon data from testing of similar products, no significant effects are expected.

Chronic Health Hazards: If misted or at high concentrations, may cause pallor, nausea, anesthetic or narcotic effects.

Medical Conditions Generally Aggravated by Exposure: Skin and eye sensitization. Depending on individual skin sensitivity, chronic or prolonged exposure may result in irritation, blistering, burning and peeling of skin layers.

Carcinogenicity: OSHA: No data ACGIH: No data NTP: No data IARC: No data
Other:

Section 4: First Aid Measures

Eye Contact:	Immediately flush with plenty of water for at least 15 minutes. If redness, itching, or a burning sensation develops, seek medical attention.
Skin Contact:	Remove from skin immediately. Rinse with clean water for 20-30 minutes. Use soapy water if needed. If redness, itching, or a burning sensation develops, seek medical attention.
Ingestion:	Do NOT induce vomiting! Dilute with water and seek medical attention immediately.
Inhalation:	Move victim to fresh air immediately. Give oxygen and seek medical attention.

Section 5: Fire-Fighting Measures

Flammable Limits:	Not determined		
Flash Point, (Method Used):	145° Fahrenheit (Pensky Marten Closed)		
Autoignition Temperature:			
NFPA Hazard Rating:	Health: 2 Flammability: 1 Reactivity: 0 Other:	Hazard Scale 0=LEAST 1=SLIGHT 2=MODERATE 3=HIGH 4=EXTREME	Protective Equipment A=SAFETY GLASSES B=SAFETY GLASSES, GLOVES C=SAFETY GLASSES, GLOVES AND APRON
HMIS Hazard Rating:	Health: 2 Flammability: 1 Reactivity: 0 Protection:		
Extinguishing Media:	Foam/Carbon dioxide/Dry chemical/Water fog		
Special Fire Fighting Procedures:	Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products exist.		
Unusual Fire and Explosion Hazards:	Closed containers may rupture due to build-up of pressure when exposed to extreme heat.		
Hazardous Decomposition Products:			

Section 6: Accidental Release Measures

Accidental Release Measures:	Avoid contact with material. Persons not wearing appropriate protective equipment should be excluded until the spill is cleaned up. Stop spill at source, pump liquid to salvage container. Remaining liquid may be taken up on clay, diatomaceous earth, or other absorbent. Treat with 3-8% concentration of ammonium hydroxide or 5-10% sodium carbonate. Add 10 parts neutralizing solution/part isocyanate. Let stand 48 hours.
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Section 7: Handling and Storage

Handling & Storage Precautions:	Prevent all skin and eye contact. Avoid breathing vapors. Re-seal partially used containers. Wash with soap and water before eating or drinking. Protect from moisture contamination. Exothermic generation of carbon dioxide may cause dangerous pressure. Keep away from all ignitable sources as well as extreme heat. Do not expose to excessive moisture.
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Section 8: Exposure Control/Personal Protection

Ventilation:	Adequate ventilation required. Local exhaust may be required in some areas. Special exhausting generally not required. Mechanical exhaust usually adequate.
Respiratory Protection:	Respiratory masks should be worn at all times when adequate ventilation does not exist. A NIOSH/MSHA respirator is acceptable.
Eye Protection:	Chemical tight goggles; full face shield if splashing is possible.
Skin Protection:	Coveralls and impervious foot covering is recommended.
Other Protective Clothing or Equipment:	Use impervious gloves, neoprene or rubber.
Work/Hygenic Practices:	Good air flow in working area. Eyewash station and safety shower should be available. Gloves and respiratory equipment should be worn at all times.

Section 9: Physical and Chemical Properties

Appearance:

Odor: Mild aromatic odor

Physical State: Thin liquid

ph As Supplied:

ph (Other):

Boiling Point: >300° Fahrenheit

Melting Point: Not determined

Freezing Point:

Vapor Pressure (mmHg): Not determined

Vapor Density (Air=1): Not determined

Specific Gravity (Water=1): 1.0

Evaporation Rate (Butyl Acetate=1): <1

Solubility in Water: Reacts

Percent Solids by Weight:

Percent Volatile: By Weight: By Volume:

Volatile Organic Compounds (VOC): With Water: Without Water:

Molecular Weight:

Viscosity:

Section 10: Stability and Reactivity

Stability: Stable

Conditions to Avoid (*Stability*): Avoid excessive heat, open flam, sparks and strong oxidizing agents. Protect from atmospheric moisture. Replace outage with inert dry nitrogen.

Incompatibility (*Materials to Avoid*): Avoid water, acid, base (alkalis, ammonia), alcohols, metal compounds.

Hazardous Decomposition or Byproducts: Isocyanate vapors or mist, carbon dioxide, carbon monoxide, nitrogen oxides.

Hazardous Polymerization: May occur.

Conditions to Avoid (Polymerization): Avoid incompatible reactants, especially strong bases, water or temperatures over 160° Centigrade.

Section 11: Toxicological Information

Toxicological Information: No Data

Section 12: Ecological Information

Ecological Information: No Data

Section 13: Disposal Considerations

Waste Disposal Method: Dispose of according to local, state and federal regulations.

RCRA Hazard Class: Non-regulated

Section 14: Transport Information

U.S. Department of Transportation

Proper Shipping Name: Polyisocyanate

Hazard Class: Non-Regulated in 55 gallon drums, NOI

ID Number: None

Packing Group:

Label Statement:

Water Transportation

Proper Shipping Name:

Hazard Class: Non-Regulated, NOI

ID Number:

Packing Group:

Label Statement:

Air Transportation

Proper Shipping Name:

Hazard Class: Non-Regulated, NOI

ID Number:

Packing Group:

Label Statement:

Other Agencies:

Section 15: Regulatory Information

U.S. Federal Regulations

TSCA (Toxic Substance Control Act):

CERCLA (Comprehensive Response
Compensation and Liability Act):

SARA Title III (Superfund Amendments
and Reauthorization Act):

311/312 Hazard Categories:

313 Reportable Ingredients:

State Regulations:

International Regulations:

Section 16: Other Information

Other Information:

Preparation Information:

Disclaimer:

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Material Safety Data Sheet

Section 1: Product and Company Identification

Product Name: ACC 101 Quick Patch Part B

Sold By: Advantage Chemical Coatings LLC.
16585 N 92nd Street Suite 106
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877.830.COAT

FOR CHEMICAL EMERGENCY Spill, leak, fire, exposure, or accident, call 24 hours
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Section 2: Composition/Information on Ingredients

<u>Hazardous Components</u>	<u>CAS#</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>
Polyether Polyol	Proprietary	Not Determined	Not Determined
Naphthelene	101-68-8	.005 ppm	.005 ppm
Petroleum Hydrocarbon	64742-95	Not Determined	Not Determined

Section 3: Hazards Identification

Emergency Overview:

Routes of Entry:	<u>Route</u>	<u>Entry Risk</u>
	Inhalation	Possible
	Ingestion	Possible
	Skin Contact	Possible
	Eye Contact	Possible

Potential Health Effects: **Inhalation** May cause nausea and respiratory tract irritation. May cause respiratory sensitization in susceptible individuals.
Ingestion Moderately toxic, cause abdominal cramps, nausea, swelling.
Skin Contact Product is a slight skin irritant. May Cause swelling and redness.
Eye Contact Mild eye irritant. Vapors slightly uncomfortable. Splashes irritating and painful.

Acute Health Hazards: Acute ingestion causes burning of the mouth, throat, and stomach with abdominal pain. Acute inhalation of vapors and mist can cause nasal discharge and pain in the eyes.

Chronic Health Hazards: If misted or at high concentrations, may cause pallor, nausea, anesthetic or narcotic effects.

Medical Conditions Generally Aggravated by Exposure: Skin and eye sensitization. Depending on individual skin sensitivity, chronic or prolonged exposure may result in irritation, blistering, burning and peeling of skin layers.

Carcinogenicity: OSHA: No data ACGIH: No data NTP: No data IARC: No data
Other:

Section 4: First Aid Measures

Eye Contact:	Immediately flush with plenty of water for at least 15 minutes. If redness, itching, or a burning sensation develops, seek medical attention.
Skin Contact:	Remove from skin immediately. Rinse with clean water for 20-30 minutes. Use soapy water if needed. If redness, itching, or a burning sensation develops, seek medical attention.
Ingestion:	Do NOT induce vomiting! Dilute with water and seek medical attention immediately.
Inhalation:	Move victim to fresh air immediately. Give oxygen and seek medical attention.

Section 5: Fire-Fighting Measures

Flammable Limits:	Not determined		
Flash Point, (Method Used):	145° Fahrenheit (Pensky Marten Closed)		
Autoignition Temperature:			
NFPA Hazard Rating:	Health: 2	Hazard Scale	Protective Equipment
	Flammability: 1	0=LEAST	A=SAFETY GLASSES
	Reactivity: 0	1=SLIGHT	B=SAFETY GLASSES, GLOVES
	Other:	2=MODERATE	C=SAFETY GLASSES, GLOVES AND APRON
		3=HIGH	
		4=EXTREME	
HMS Hazard Rating:	Health: 2		
	Flammability: 1		
	Reactivity: 0		
	Protection:		
Extinguishing Media:	Foam/Carbon dioxide/Dry chemical/Water fog		
Special Fire Fighting Procedures:	Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products exist.		
Unusual Fire and Explosion Hazards:	Closed containers may rupture due to build-up of pressure when exposed to extreme heat.		
Hazardous Decomposition Products:			

Section 6: Accidental Release Measures

Accidental Release Measures:	Standard hydrocarbon spill procedures apply to this product.
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Section 7: Handling and Storage

Handling & Storage Precautions:	Prevent all skin and eye contact. Avoid breathing vapors. Re-seal partially used containers. Wash with soap and water before eating or drinking. Protect from moisture contamination. Exothermic generation of carbon dioxide may cause dangerous pressure. Keep away from all ignitable sources as well as extreme heat.
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Section 8: Exposure Control/Personal Protection

Ventilation:	Adequate ventilation required. Local exhaust may be required in some areas. Special exhausting generally not required. Mechanical exhaust usually adequate.
Respiratory Protection:	Respiratory masks should be worn at all times when adequate ventilation does not exist. A NIOSH/MSHA respirator is acceptable.
Eye Protection:	Chemical tight goggles; full face shield if splashing is possible.
Skin Protection:	Coveralls and impervious foot covering is recommended.
Other Protective Clothing or Equipment:	Use impervious gloves, neoprene or rubber.
Work/Hygenic Practices:	Good air flow in working area. Eyewash station and safety shower should be available. Gloves and respiratory equipment should be worn at all times.

Section 9: Physical and Chemical Properties

Appearance: Colorless
Odor: Mild sweet odor
Physical State: Liquid
pH As Supplied:
pH (Other):
Boiling Point: >300° Fahrenheit
Melting Point: Not determined
Freezing Point:
Vapor Pressure (mmHg): Not determined
Vapor Density (Air=1): Heavier than air
Specific Gravity (Water=1): 1.0
Evaporation Rate (Butyl Acetate=1): <1
Solubility in Water: Reacts
Percent Solids by Weight:
Percent Volatile: By Weight: By Volume:
Volatile Organic Compounds (VOC): With Water: Without Water:
Molecular Weight:
Viscosity:

Section 10: Stability and Reactivity

Stability: Stable
Conditions to Avoid (*Stability*): Avoid excessive heat, open flame, sparks and strong oxidizing agents. Protect from atmospheric moisture. Replace outage with inert dry nitrogen.
Incompatibility (*Materials to Avoid*): Avoid strong oxidizers, acids.
Hazardous Decomposition or Byproducts: Carbon dioxide, carbon monoxide, nitrogen oxides.
Hazardous Polymerization: Will not occur.
Conditions to Avoid (Polymerization): Avoid incompatible reactants, especially strong bases, water or temperatures over 160° Centigrade.

Section 11: Toxicological Information

Toxicological Information: No Data

Section 12: Ecological Information

Ecological Information: No Data

Section 13: Disposal Considerations

Waste Disposal Method: Dispose of according to local, state and federal regulations.
RCRA Hazard Class: Non-Regulated

Section 14: Transport Information

U.S. Department of Transportation

Proper Shipping Name: Polyol Resin

Hazard Class: Non-Regulated in 55 gallon drums, NOI

ID Number: None

Packing Group:

Label Statement:

Water Transportation

Proper Shipping Name:

Hazard Class: Non-Regulated, NOI

ID Number:

Packing Group:

Label Statement:

Air Transportation

Proper Shipping Name:

Hazard Class: Non-Regulated, NOI

ID Number:

Packing Group:

Label Statement:

Other Agencies:

Section 15: Regulatory Information

U.S. Federal Regulations

TSCA (Toxic Substance Control Act):

CERCLA (Comprehensive Response
Compensation and Liability Act):

SARA Title III (Superfund Amendments
and Reauthorization Act):

311/312 Hazard Categories:

313 Reportable Ingredients:

State Regulations:

International Regulations:

Section 16: Other Information

Other Information:

Preparation Information:

Disclaimer:

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