

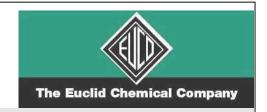
EUCO QWIKSTITCH CARTRIDGES - 12/22 oz

Version 2.0 Print Date 12/23/2013 REVISION DATE: 07/08/2012

This is a kit that contains the following components:

Euco Qwikstitch Part A Euco Qwikstitch Part B





Version 2.0 Print Date 12/23/2013

REVISION DATE: 07/08/2012

SECTION 1 - PRODUCT IDENTIFICATION

Trade name : Euco Qwikstitch Part A

Product code : 693Q 95

COMPANY : Euclid Chemical Company

19218 Redwood Road Cleveland, OH 44110

Telephone : 1-800-321-7628

Emergency Phone: U.S. only: 1-800-424-9300

International Users Call Collect: 1-703-527-3887

Product use : Joint filler

SECTION 2 - HAZARDS IDENTIFICATION

Emergency Overview

Light Yellow. Liquid. Vapor and/or mist may irritate nose and throat. May cause allergic respiratory sensitization. Move to fresh air. If required, artificial respiration or administration of oxygen can be performed by trained personnel. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Acute Potential Health Effects/ Routes of Entry

Inhalation : Vapor and/or mist may irritate nose and throat. May cause allergic respiratory

sensitization.

Eyes : Vapor and/or mist may cause eye irritation. May cause sensitization.

Ingestion : May cause irritation to the mouth, throat and stomach. May cause gastrointestinal

irritation, nausea, and vomiting.

Skin : May cause sensitization resulting in irritation, itching and redness.

Aggravated Medical Conditions

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

Chronic Health Effects

Overexposure may cause dermatitis, asthma, skin and respiratory sensitization and decreased lung function. Fillers are encapsulated and not expected to be released from product under normal conditions of use.

Target Organs: Lung, Skin, Eye

SECTION 3 - PRODUCT COMPOSITION

Chemical Name	CAS-No.	Weight %
Polymethylene polyphenyl isocyanate	9016-87-9	40.0 - 70.0
Propanoic acid ester	6846-50-0	30.0 - 60.0
4,4'-Methylene bis(phenylisocyanate)	101-68-8	15.0 - 40.0



Version 2.0 Print Date 12/23/2013

REVISION DATE: 07/08/2012

SECTION 4 - FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

Inhalation Move to fresh air. If required, artificial respiration or administration of oxygen can be

performed by trained personnel. Leave area to breathe fresh air. Avoid further

overexposure. If symptoms persist, get medical attention.

Eye contact Flush with water for at least 15 minutes while holding eye lids apart. Get medical

attention immediately.

Skin contact Wash area of contact thoroughly with hand cleaner followed by soap and water. If

irritation, rash or other disorders develop, get medical attention immediately.

Do not induce vomiting unless advised by a physician. Call nearest Poison Control Ingestion

Center or Physician immediately.

SECTION 5 - FIRE FIGHTING MEASURES

Flash point 390 °F, 199 °C

Method Pensky-Martens Closed Cup

Lower explosion limit Not available. Upper explosion limit Not available. Autoignition temperature Not available.

Extinguishing media If water fog is ineffective, use carbon dioxide, dry chemical or foam.

Hazardous combustion Carbon monoxide and carbon dioxide can form. Smoke,

products fumes. Hydrocyanic acid and nitrogen oxides can form.

Use accepted fire fighting techniques. Wear full firefighting protective Protective equipment for

firefighters clothing, including self-contained breathing apparatus (SCBA).

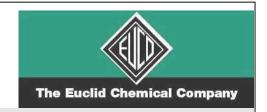
Fire and explosion conditions This product not expected to ignite under normal conditions of use.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Use appropriate protective equipment. Avoid contact with material. Absorb spill in sand, earth or other suitable material. Transfer to appropriate container for disposal.

SECTION 7 - HANDLING AND STORAGE

Store under normal warehouse conditions. Change soiled work clothes frequently. Clean hands thoroughly after handling. Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers.



Version 2.0 Print Date 12/23/2013

REVISION DATE: 07/08/2012

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection equipment

Respiratory protection : Use full engineering controls before relying on personal protective

equipment. Wear appropriate, properly fitted air purifying respirator with combination particulate filter and vapor/gas removing cartridge when airborne contaminant level(s) exceed exposure limits indicated on the MSDS, or

product is spray applied.

Hand protection : Use suitable impervious nitrile or neoprene gloves and protective apparel to

reduce exposure.

Eye protection : Wear appropriate eye protection. Wear chemical safety goggles and/or face

shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily

available.

Skin and body protection : Prevent contact with shoes and clothing.

Protective measures : Use professional judgment in the selection, care, and use.

Engineering measures : Use only in well ventilated areas. Provide maximum ventilation in enclosed

areas. Use general ventilation and/ or local exhaust to reduce the airborne contaminant concentration below the exposure limit listed in the MSDS

Exposure Limits

Chemical Name	CAS Number	Regulation	<u>Limit</u>	<u>Form</u>
Polymethylene polyphenyl	9016-87-9	ACGIH TWA:	0.005 ppm	
isocyanate				
4,4'-Methylene	101-68-8	ACGIH TWA:	0.005 ppm	
bis(phenylisocyanate)				

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Form : Liquid

Color : Light Yellow

Odor : Sweet

pH : Not available.

Vapour pressure : Not available.

Vapor density : Heavier than air

Melting point/range : Not available.

Freezing point : < 32 °F, < 0 °C

Boiling point/range : 406 °F, 208 °C

Water solubility : Reacts with water

Specific Gravity : 1.069



Euco Qwikstitch Part A

Version 2.0 Print Date 12/23/2013

REVISION DATE: 07/08/2012

% Volatile Weight : 0.0 %

SECTION 10 - REACTIVITY / STABILITY

Substances to avoid : Strong acids. Strong bases. Amines. Water or moisture. Alcohols.

Stability : Material is stable under normal storage, handling, and use.

Hazardous polymerization : Will not occur under normal conditions.

SECTION 11 - TOXICOLOGICAL INFORMATION

4,4'-Methylene bis(phenylisocyanate), CAS-No.: 101-68-8

Acute inhalation toxicity (LC-50) 0.369 mg/l for 4 h (Rat) 0.38 mg/l for 4 h (Rat)

SECTION 12 - ECOLOGICAL INFORMATION

No Data Available

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Method : Waste not regulated under RCRA. Dispose of in compliance with state and local

regulations.

SECTION 14 - TRANSPORTATION / SHIPPING DATA

CFR / DOT:

Not Regulated

TDG:

Not Regulated

IMDG:

Not Regulated

SECTION 15 - REGULATORY INFORMATION

North American Inventories:

All components are listed or exempt from the TSCA inventory.

This product or its components are listed on, or exempt from the Canadian Domestic Substances List.



Version 2.0 Print Date 12/23/2013

REVISION DATE: 07/08/2012

U.S. Federal Regulations:

SARA 313 Components : Polymethylene polyphenyl isocyanate 9016-87-9

4,4'-Methylene bis(phenylisocyanate) 101-68-8

SARA 311/312 Hazards : Acute Health Hazard

OSHA Hazardous Components:

Polymethylene polyphenyl isocyanate 9016-87-9 4,4'-Methylene bis(phenylisocyanate) 101-68-8

OSHA Status: Considered

hazardous based on the

following criteria:

OSHA Flammability : IIIB

When appropriately mixed with the other part, product has a VOC less water and exempt solvent of:

0 g/l

U.S. State Regulations:

MASS RTK Components : Polymethylene polyphenyl isocyanate 9016-87-9

: Irritant

4,4'-Methylene bis(phenylisocyanate) 101-68-8

Penn RTK Components : Polymethylene polyphenyl isocyanate 9016-87-9

Propanoic acid ester 6846-50-0

4,4'-Methylene bis(phenylisocyanate) 101-68-8

NJ RTK Components : Polymethylene polyphenyl isocyanate 9016-87-9

Propanoic acid ester 6846-50-0

4,4'-Methylene bis(phenylisocyanate) 101-68-8

WARNING! Contains chemicals known to the State of California to cause cancer, birth defects and/or other

reproductive harm:

None known.

SECTION 16 - OTHER INFORMATION

HMIS Rating:

Health	2	0 = Minimum
Flammability	1	1 = Slight
Reactivity	1	2 = Moderate
PPE		3 = Serious
		4 = Severe

Further information:

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.



Euco Qwikstitch Part A

Version 2.0 Print Date 12/23/2013 REVISION DATE: 07/08/2012

Prepared by: Rich Mikol

Legend

ACGIH - American Conference of Governmental Hygienists

CERCLA - Comprehensive Environmental Response, Compensation, and

Liability Act

DOT - Department of Transportation

DSL - Domestic Substance List

EPA - Environmental Protection Agency

HMIS - Hazardous Materials Information System

IARC - International Agency for Research on Cancer

MSHA - Mine Safety Health Administration

NDSL - Non-Domestic Substance List

NIOSH - National Institute for Occupational Safety and Health

NTP - National Toxicology Program

OSHA - Occupational Safety and Health Administration

PEL - Permissible Exposure Limit

RCRA - Resource Conservation and Recovery Act

RTK - Right To Know

SARA - Superfund Amendments and Reauthorization Act

STEL - Short Term Exposure Limit

TLV - Threshold Limit Value

TSCA - Toxic Substances Control Act

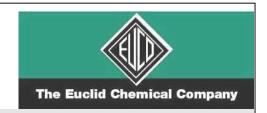
TWA - Time Weighted Average

V - Volume

VOC - Volatile Organic Compound

WHMIS - Workplace Hazardous Materials Information

System



Version 2.0 Print Date 12/23/2013

REVISION DATE: 07/08/2012

SECTION 1 - PRODUCT IDENTIFICATION

Trade name : Euco Qwikstitch Part B

Product code : 693Q 95

COMPANY : Euclid Chemical Company

19218 Redwood Road Cleveland, OH 44110

Telephone : 1-800-321-7628

Emergency Phone: : U.S. only: 1-800-424-9300

International Users Call Collect: 1-703-527-3887

Product use : Curative

SECTION 2 - HAZARDS IDENTIFICATION

Emergency Overview

Light Yellow. Liquid. No serious effects anticipated under normal conditions of use. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Acute Potential Health Effects/ Routes of Entry

Inhalation : No serious effects anticipated under normal conditions of use.

Eyes : Direct contact may cause mild irritation.

Ingestion : May cause gastrointestinal irritation, nausea, and vomiting.

Skin : May cause mild irritation.

Aggravated Medical Conditions

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

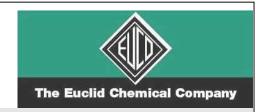
Chronic Health Effects

Fillers are encapsulated and not expected to be released from product under normal conditions of use.

Target Organs: Skin, Eye

SECTION 3 - PRODUCT COMPOSITION

Chemical Name CA	AS-No.	Weight %
Propanoic acid ester 68	346-50-0	40.0 - 70.0
Propoxylated Amine 10	2-60-3	15.0 - 40.0
Polyether polyol 25	5791-96-2	15.0 - 40.0
1,4-Butanediol 11	0-63-4	7.0 - 13.0



Version 2.0 Print Date 12/23/2013

REVISION DATE: 07/08/2012

SECTION 4 - FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

Inhalation : Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get

medical attention.

Eye contact : Flush with water for 15 minutes. If irritation persists, get medical attention.

Skin contact : Wash area of contact thoroughly with hand cleaner followed by soap and water. If

irritation, rash or other disorders develop, get medical attention immediately.

Ingestion : Get medical attention. Do not induce vomiting.

SECTION 5 - FIRE FIGHTING MEASURES

Flash point : 265 °F, 129 °C
Method : Not available.

Lower explosion limit : Not available.

Upper explosion limit : Not available.

Autoignition temperature : Not available.

Extinguishing media : Use that which is appropriate to the surroundings.

Hazardous combustion

products

Protective equipment for

firefighters

Carbon monoxide and carbon dioxide can form.Smoke, fumes.

Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).

Fire and explosion conditions : This product not expected to ignite under normal conditions of use.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

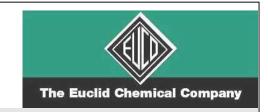
Transfer to appropriate container for disposal. Stop flow. Contain spill. Keep out of water courses. Absorb spill in sand, earth or other suitable material. Transfer to appropriate container for disposal. Use appropriate protective equipment. Avoid contact with material.

SECTION 7 - HANDLING AND STORAGE

Store under normal warehouse conditions. Handle in compliance with common hygienic practices. Clean hands thoroughly after handling. Do not use in confined or poorly ventilated areas.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection equipment



Version 2.0 Print Date 12/23/2013

REVISION DATE: 07/08/2012

Respiratory protection : Not required under normal conditions of use. Wear appropriate, NIOSH/MSHA

approved respirator with combination particulate filter and vapor/gas

removing cartridge when the ventilation is not adequate or if it is necessary to

abrade or grind surfaces coated with this product.

Hand protection : Use suitable impervious rubber or vinyl gloves and protective apparel to

reduce exposure.

Eye protection : Wear appropriate eye protection. Wear chemical safety goggles and/or face

shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily

available.

Skin and body protection : Not required.

Protective measures : Other equipment not normally required. Use professional judgment in the

selection, care, and use.

Engineering measures : Not required under normal conditions of use. Use local exhaust when the

general ventilation is inadequate.

Exposure Limits

No known components with exposure limits.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Form : Liquid

Color : Light Yellow

Odor : Slight

pH : Not available.

Vapour pressure : 0.1 mmHg at 77 °F
Vapor density : Heavier than air

Melting point/range : Not available.

Freezing point : Not available.

Boiling point/range : Not available.

Water solubility : Dispersible

Specific Gravity : 1.03 % Volatile Weight : 0.0 %

SECTION 10 - REACTIVITY / STABILITY

Substances to avoid : Strong acids. Strong bases.

Stability : Stable

Hazardous polymerization : Will not occur.



Euco Qwikstitch Part B

Version 2.0 Print Date 12/23/2013

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SECTION 11 - TOXICOLOGICAL INFORMATION

No Data Available

SECTION 12 - ECOLOGICAL INFORMATION

No Data Available

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Method : Waste not regulated under RCRA. Dispose of in compliance with state and local

regulations.

SECTION 14 - TRANSPORTATION / SHIPPING DATA

CFR / DOT:

Not Regulated

TDG:

Not Regulated

IMDG:

Not Regulated

SECTION 15 - REGULATORY INFORMATION

North American Inventories:

All components are listed or exempt from the TSCA inventory.

This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

U.S. Federal Regulations:

SARA 313 Components : None present or none present in regulated quantities.

SARA 311/312 Hazards : Based on an evaluation of the components used, this product does not

contain hazardous ingredients identified as per 29 CFR 1910.1200

OSHA Hazardous Components:

OSHA Flammability : IIIB



Euco Qwikstitch Part B

Version 2.0 Print Date 12/23/2013

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When appropriately mixed with the other part, product has a VOC less water and exempt solvent of: 0 g/l

U.S. State Regulations:

Penn RTK Components : Propanoic acid ester 6846-50-0

Propoxylated Amine 102-60-3 Polyether polyol 25791-96-2 1,4-Butanediol 110-63-4

NJ RTK Components : Propanoic acid ester 6846-50-0

Propoxylated Amine 102-60-3 Polyether polyol 25791-96-2 1,4-Butanediol 110-63-4

WARNING! Contains chemicals known to the State of California to cause cancer, birth defects and/or other reproductive harm:

None known.

SECTION 16 - OTHER INFORMATION

HMIS Rating:

Health	0	0 = Minimum
Flammability	0	1 = Slight
Reactivity	1	2 = Moderate
PPE		3 = Serious
		4 = Severe

Further information:

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

Prepared by: Rich Mikol

Legend

ACGIH - American Conference of Governmental Hygienists PEL - Permissible Exposure Limit

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

RCRA - Resource Conservation and Recovery Act

DOT - Department of Transportation RTK - Right To Know

DSL - Domestic Substance List SARA - Superfund Amendments and Reauthorization Act

EPA - Environmental Protection Agency

HMIS - Hazardous Materials Information System

ILV - Threshold Limit Value

IARC - International Agency for Research on Cancer

TSCA - Toxic Substances Control Act

MCHA Mine Sefety Health Administration

MSHA - Mine Safety Health Administration TWA - Time Weighted Average NDSL - Non-Domestic Substance List V - Volume

NIOSH - National Institute for Occupational Safety and Health VOC - Volatile Organic Compound

NTP - National Toxicology Program

WHMIS - Workplace Hazardous Materials Information

OSHA - Occupational Safety and Health Administration

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Euco Qwikstitch Part B

Version 2.0 Print Date 12/23/2013 REVISION DATE: 07/08/2012