QRP 2015

PROTECTING PEOPLE, PRODUCTS & PROCESSES WORLDWIDE™

QUALITY YOU EXPECT. RELIABILITY YOU CAN COUNT ON. PERFORMANCE YOU REQUIRE.



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QRP adheres to all recommended requirements in the manufacturing of our gloves and fingercots:

Governmental FED-STD-209E Fed Test Method 101C Fed Test Method 191 Fed Spec A-A-50855A Fed Spec A-A-53134A Cal OSHA Title 8, Art. 10.1

Military MIL-HDBK-263B MIL-G-82242C MIL-STD-168B MIL-STD-1246C

Nongovernmental ANSI/ASQC-Z1.4 ANSI/ESD SP15.1 ASTM: D130, D257, D412, D573, D882, D991, D1353, D2420, D3577, D3578, D3572, D3772, D5250, D6319, E595, F311, F312, F739 Title 21 CFR 170 –199 IEST-RP-CC005 NSF P155 ANSI/ESD STM 11.11, 12 US Pharmacopoeia Nat. Formulary XX and XXI





Founded in 1974, QRP, Incorporated is recognized worldwide as a leading producer and innovator of gloves and fingercots in a wide variety of applications. The Company emphasizes products for critical environments, including cleanrooms and ESD control. QRP has developed unique products for protection of employees against thermal extremes and against a wide array of chemicals. In addition to these highly specialized gloves and fingercots, QRP offers products for controlled environments and general use. All QRP products are engineered to the highest standards to increase process yields across a broad range of end uses.

800-832-3882 QRPGloves.com

GENERAL PURPOSE APPLICATIONS

 Qualatex
 BIOTEK

 MIRACLE GRIP"
 LATEX AMBI GLOVES







Qualatrile[®] Blue 4 mil Premium Nitrile Glove



- 3X puncture resistance of vinyl or natural rubber latex gloves.
- Static dissipative, surface resistance 10⁹ ohms.
- Geogrip 360sm fully textured fingers and palms.
- Meets ASTM D6319.

4BQF09 (9" Blue, 4 mil, Powder-Free) Size: XS-2X, Ambi

Qualatrile[®] Blue 5 mil Premium Nitrile Glove



- 3X puncture resistance of vinyl or natural rubber latex gloves.
- Static dissipative, surface resistance 10⁹ ohms.
- Geogrip 360sm fully textured fingers and palms.
- Meets ASTM D6319.

BQP09 (9" Blue, 5 mil, Low Powder) BQF09 (9" Blue, 5 mil, Powder-Free) BQF12 (12" Blue, 5 mil, Powder-Free) Size: XS-2X, Ambi

Qualatrile[®] Blue 8 mil Extra Thick Nitrile Glove



- Rugged 8 mil thickness.
- 3X puncture resistance of vinyl or natural rubber latex gloves.
- Static dissipative, surface resistance 10⁹ ohms.
- Geogrip 360sm fully textured fingers and palms.
- Meets ASTM D6319.

8BQP09 (9" Blue, 8 mil, Low Powder) Size: S-XL, Ambi

8BQF09 (9" Blue, 8 mil, Powder-Free) Size: S–2X, Ambi

Qualatrile[®] Indy *Nitrile Glove*



- 4 mil 3X puncture resistance of vinyl or natural rubber latex gloves.
- Static dissipative, surface resistance 10⁹ ohms.
- Tough industrial grade.
- Economical protection from chemicals and petroleum.
- USDA compliant for food handling and processing.
- Distinctive blue color.

BQY09 (Powder-Free) Size: S–2X 9″ Length, Ambi

QualatrileSENS! 3 mil Soft Nitrile Glove

QualaSheer® FG Vinyl Glove



- Latex-free, powder-free.
- Exceptional tactile sensitivity with the toughness, durability and chemical resistance of nitrile.
- Static dissipative, surface resistance 10⁹ ohms.
- Uniquely conforms to the wearer's hand.
- Textured fingertips, for reliable, safe, secure wet/dry grip.

SQWF09 (White) SQBF09 (Blue) SQWB09 (White Bagged) Size: S-XL 9" Length, Ambi

- 4 mil
- Food Grade.
- Certified under NSF protocol
 P 155, disposable food contact
 gloves, to meet FDA requirements
 for food handling.
- Static dissipative, surface resistance 10¹⁰ ohms.
- Beaded cuff.
- Economical.
- Clear color.

VCYF09 (Powder-Free) Size: S-XL 9" Length, Ambi

Biotek[®] Premium Latex Glove



- Lightly powdered or powder-free for wearer comfort.
- Textured for enhanced wet/dry grip.
- USDA compliant for food handling and processing.
- Non-slip beaded cuff for easy donning; resists rolldown.
- Safety exceeds ASTM D-3578.

609BP (Low Powder) Size: S-XL 9" Length, Ambi

609BPF (Powder-Free) Size: XS–2X 9" Length, Ambi

Qualatex[®] Miracle Grip Polymer Coated Latex Glove



- Double polymer coated.
- 6 mil powder-free latex.
- Textured fingers and palm for enhanced wet/dry grip.
- Non-slip beaded cuff.
- Non-sterile.

MG09

Size: XS–XL 9" Length, Ambi

Qualatex[®] Miracle Grip HP High Performance Latex Glove



- Tough 13 mil thickness & 12" length for added protection
- More Cut/Puncture Resistant than normal 6 mil gloves.
- Textured fingers & palm.
- Non-slip beaded cuff.
- Strong & flexible.
- Maximum comfort.
- Distinctive blue color.

MGHR

Size: S-2X 12" Length, Ambi

Qualatex[®] Indy Latex Glove



- 4 mil
- Unique fit and feel.
- Wide range chemical protection.
- Beaded cuff.
- Geared for industrial, automotive and food service.
- Economical.
- Natural color.

609BYF (Powder-Free) Size: S–XL 9" Length, Ambi



Qualatex[®] Latex Fingercots



- For general, personal and product protection.
- Sheer film for maximum dexterity.
- Economical.
- For industrial use only!

2C (Low Powder, Textured, Natural Color)

5J (Powder-Free, Natural Color)

NEW! 6C (Miracle Grip, Polymer Coated, Powder-Free)

7J (Powder-Free, Pink, Static Dissipative)

8J (Powder-Free, Black, Static Dissipative)

Size: S–XL

Qualatrile[®] Nitrile Fingercot



- Excellent tactile sensitivity.
- Washed.
- Static Dissipative.
- Skin thin.
- Economical.
- For industrial use only!
- 9J (Powder-Free) Size: S-XL

Blü Food Latex Fingercot



- 100% natural latex, USDA compliant blue coloring.
- For food & poultry handling.
- Meets US Government 21-CFR specifications.
- Skin thin.
- BF (Powder-Free) Size: S-XL

CLEANROOM APPLICATIONS

QRP adheres to all requirements of IEST-RP-CC005.2, Recommended Practice for Gloves and Fingercots Used in Cleanrooms and Other Controlled Environments.



We employ today's most advanced manufacturing practices. Our P3 Polar Process is today's most advanced

halogenation and processing system, ensuring uniformity across our gloves and fingercots, with ultra-low extractables, non-volatile residues and particulates. Using only the finest materials paired with proprietary formulations, processing and packaging, QRP delivers the highest and most consistent levels of quality, reliability and performance.



Qualatrile.XC







Qualatex[®] HiPro XC Class 100 Latex Glove



- Premium natural rubber latex gloves for ISO 5 (Class 100) applications.
- Lowest extractibles and particulates.
- Free from plasticizers, silicone and powders.
- Meets or exceeds all applicable requirements of IEST-RP-CC005.2.

612HC Size: S–2X 12" Length, Ambi

Qualatrile[®] XC White Class 100 Nitrile Glove



- 100% nitrile (no latex) for ISO 5 (Class 100) applications.
- Static dissipative , surface resistance 10⁹ ohms.
- Manufactured without plasticizers, silicone or powders.
- Consistently low particulates and extractible ion levels.
- Meets or exceeds all applicable requirements of IEST-RP-CC005.2.

Q095 Size: S–XL 9" Length, Ambi

Q125 Size: XS–2X 12" Length, Ambi

QualaSheer® XC Class 100 Vinyl Glove



- 100% PVC co-polymer (no latex) for ISO 5 (Class 100) applications.
- Static dissipative , surface resistance 10¹⁰ ohms.
- Microtextured.
- Meets or exceeds all applicable requirements of IEST-RP-CC005.2.

VHC12 Size: S–XL 12" Length, Ambi

PolyTuff® Solvent Series *Polyurethane Glove*



- Packaged for ISO 5 (Class 100) applications.
- Protection from chlorinated solvents (MeCL and TCE), acetone, xylene, freons and IPA.
- Tough, chemical & solvent resistant polyurethane, sulfur-free.
- Ergonomic Comfort Curve[™] hand specific design.

20G (8 mil) Size: S-XL 12" Length

PolyTuff[®] Static Dissipative Polyurethane Glove



- Packaged for ISO 5 (Class 100) applications.
- Static dissipative , surface resistance 10⁹ ohms.
- Resists common solvents such as MeCl, TCE and IPA.
- ESD safe for Class II devices.
- Ergonomic Comfort Curve[™] hand specific design.

25G (4 mil) Size: S-L 12" Length

PolyTuff[®] Static Dissipative Polyurethane Glove



- Packaged for ISO 5 (Class 100) applications.
- Static dissipative , surface resistance 10⁶ ohms.
- ESD-safe for Class I and II devices.
- Tough solvent process polyurethane, sulfur-free – no carbon shedding.
- Ergonomic Comfort Curve[™] hand specific design.
- 27G (4 mil) Size: S-XL 12" Length

28G (8 mil) Size: S-L 12" Length

PolyTuff[®] Acid & Alkali CSM Glove



- Packaged for ISO 5 (Class 100) applications.
- Engineered for corrosive alkalis and ultra-strong acids using CSM, sulfur-free.
- Flexible for long wearing comfort.
- Handling for wet or dry environments.

41G

Size: Universal Large Only 14" Length Hand Specific

PolyTuff[®] Superior Solvent Silicon Elastomer Glove



- Packaged for ISO 5 (Class 100) applications.
- For industrial use with silicon-based adhesives and harsh solvents such as DMF, THF, cyclohexanone and ketones.
- Silicon elastomer formulation withstands flaking, puncture and abrasion.

90G

Size: Universal Large Only 12" Length Hand Specific

Qualatex[®] XC Natural Latex Fingercot



- Packaged for ISO 5 (Class 100) applications. Compliant with ASTM and IEST-RP-CC 005.3 standards.
- Eliminates contamination risks from silicone oils, skin salts, particulates and plasticizers.
- Unique, Stand-Up pouch easy product identification.

5C Size: S–XL

Qualatex[®] XC Static Dissipative *Pink Latex Fingercot*



- Packaged for ISO 5 (Class 100) applications. Compliant with ASTM and IEST-RP-CC 005.3 standards.
- Surface resistance 10¹⁰ ohms.
- For use with Class II static sensitive devices (thresholds above 1000V).
- Unique, Stand-Up pouch easy product identification.

7C Size: S–2X

Qualatex[®] XC Static Dissipative Black Latex Fingercot



- Packaged for ISO 5 (Class 100) applications. Compliant with ASTM and IEST-RP-CC 005.3 standards.
- Surface resistance 10⁷ ohms.
- For use with Class I and Class II static sensitive devices.
- Unique, Stand-Up pouch easy product identification.

8C Size: S–XL

Qualatrile® XC Static Dissipative White Nitrile Fingercot



- Packaged for ISO 5 (Class 100) applications.
- Surface resistance 10⁹ ohms.
- For use with Class II static sensitive devices (thresholds above 1000V).
- Unique, Stand-Up pouch easy product identification.

9C Size: S–XL

Qualatherm® 1400 Dry Thermal Protection



- Packaged for ISO 5 (Class 100).
- Dry contact temperatures from -210°F to 1400°F (-134°C to 760°C) with no charring, ash or residue.
- Static dissipative, surface resistance 10⁹ ohms.
- No PCB, asbestos or fiberglass.

50G – 14" (Forearm Protection) Size: M, L, XL

55G – 18" (Elbow Protection) Size: Universal Large Only

57G – 27" (Shoulder Protection) Size: Universal Large Only

Qualatherm® 1000 Dry Thermal Protection



- Packaged for ISO 5 (Class 100).
- Dry contact temperatures from -210°F to 1000°F (-134°C to 537°C) with no charring, ash or residue.
- No PCB, asbestos or fiberglass.

59G (Forearm Protection) *Size: L, XL* 14" Length

Qualatherm® 450 Wet / Dry Thermal Protection



- Packaged for ISO 5 (Class 100).
- Wet or dry contact temperatures from -78°F to 450°F (-61.4°C to 232°C).
- PolyTuff silicone elastomer is sulfurfree. Excellent resistance to chemicals, solder and fluxes.

70G – 12" (Wrist Protection) Size: Hand Specific – M, L, XL

73G – 10" (Mitt Style Hand Protection) Size: Ambidextrous – One size fits all

75G – 23" (Elbow Protection) Size: Hand Specific – One size fits all

Dry Box Gloves Full Length



- Standard 8" plus 6" & 10" ports; 32" length.
- Thicknesses: 15 to 30 mils.
- Hand-specific or ambidextrous.
- Beaded cuffs for added strength.
- Hand sizes: 7, 8, 9,10.

DBG – NR (Natural Rubber) DBG – BT (Butyl) (also ESD) DBG – NE (Chloroprene) (also ESD) DBG – HY (CSM) DBG – PHY (PU-CSM) DBG – PU (Polyurethane)

Isolators Gloves/Sleeves



- 13" glove (15 mil to 30 mil thickness)
 + 24" sleeve.
- Economical alternative to one piece dry box gloves – usually only glove needs to be replaced.
- Glove & sleeve can be different materials.
- Port sizes: 6", 8" 10"; gloves ambi, sizes 5-10.

GLOVES	<u>SLEEVES</u>	
IG – BT	SL – BT	(Butyl) (also ESD)
IG – NE	SL – NE	(Chloroprene) (also ESD)
IG – HY	SL – HY	(CSM)
IG – PHY	/ SL – PHY	(PU-CSM)
IG – PU	SL – PU	(Polyurethane)











Qualakote[®] NY Nylon / PU Palm Dipped



- Comfortable seamless nylon knit.
- Micro-foamed polyurethane palm dipped.
- Breathable, knitted seamless comfort.
- Washable for economy of reuse.

PDNY (White) Size: S–2X PDGNY (Gray) Size: S–2X PPDBNY (Black) Size: S–2X

Qualakote[®] NY Nylon / Nitrile Palm Dipped



- Assembly-Inspection glove.
- Comfortable nylon knit.
- Micro-foamed nitrile palm dipped.
- Breathable, seamless comfort.
- Washable for economy of reuse.

NPDNY (White) Size: S-2X

PDBNY (Black) Size: S-2X

1 2

Little Red Gripper Nylon / Grippy Nitrile Palm



- Nitrile foam coated palm & fingers.
- Seamless knit shell for maximum comfort.
- Great tactile sensitivity
- Great replacement for leather gloves.
- Machine washable for repeated use.
- Non-marking & non-linting.

GNRN Size: S-2X

Qualakote[®] C/R Cut Resitant-All Purpose

- UHMWPE cut resistant yarn + black nylon knit.
- Foam PU palm dipped for excellent grip.
- ANSI/SEA level 2, EN level 3.
- Highly flexible for dexterity, ergonomic fit.
- Easy laundering, for multiple reuses.

GPSPN Size: XS-3X

Qualakote[®] ESD Nylon / Carbon / PU Fingers



- Micro-foamed polyurethane finger tip coating for excellent grip.
- Nylon + conductive carbon/nylon yarn.
- Spandex cuff no latex.
- Maximum uncoated area, seamless knit, for breathability, comfort.
- Static dissipative, surface resistance 10⁷ ohms uncoated area, 10⁸ ohms coated area.
- Machine washable for economy of repeated use.

TDESDNY Size: XS-2X

Qualakote® NY ESD Nylon / Carbon / PU Palm Dipped



- Micro-foamed polyurethane palm coating for excellent grip.
- Nylon + conductive carbon/nylon yarn.
- Uncoated back, seamless knit, for breathability, comfort.
- Static dissipative, surface resistance 10⁷ ohms uncoated area, 10⁸ ohms coated area.
- Machine washable for economy of repeated use.

PDESDNY Size: S-2X

Qualakote[®] ESD Wave Solder Glove



- Extra thick for thermal protection.
- Nylon + conductive carbon/nylon yarn.
- Nitrile foamed palm dip for extra toughness.
- Seamless knit, open back.
- Static dissipative, surface resistance 10⁷ ohms uncoated area, 10⁸ ohms coated area.
- Machine washable for economy of repeated use.

PDWS (Low Heat) Size: XS–2X HWS (Medium Heat) Size: S–2X

Qualakote® ESD Nylon / PU Palm Dipped



- Micro-foamed polyurethane palm coating for excellent grip.
- White nylon yarn for economy.
- Topical coating of glove for static dissipative ESD protection.
- Static dissipative, surface resistance 10⁸ ohms.

PDESDEC Size: XS-2X

Qualaknit[®] ESD Nylon / Carbon Uncoated



- Nylon + conductive carbon/nylon yarn.
- Micro-knit fingertips for maximum dexterity.
- Uncoated glove for maximum breathability, lowest resistance.
- Static dissipative, surface resistance 10⁷ ohms.
- Seamless comfort.

KAS Size: S-2X

QRP ESD PROTECTION

			NOM 10 ⁶	INAL SU 107	JRFACE 10 ⁸	RESIST	ANCE ⁽¹⁾ 10 ¹⁰
			10-	10	10-	10-	10.0
CLEANROO	M GLO	DVES					
STYLE	PAGE	DESCRIPTION					
Q095	8	9" White Nitrile					
Q125	8	12" White Nitrile					
VHC12	8	12" Clear Vinyl					•
25G	8	12" Clear Polyurethane				-	1
27G, 28G	8	12" Black Polyurethane					
DBG-BT	10	Dry Box Glove Butyl					
DBG-NE	10	Dry Box Glove Chloroprene					
50G, 55G, 57G	10	Thermal Protection				•	
<u>CLEANROO</u>	M FIN	GERCOTS					
STYLE	PAGE	DESCRIPTION					
7C	9	Pink Latex					
8C	9	Black Latex					
9C	9	White Nitrile					
GENERAL P	URPO	SE FINGERCOTS					
STYLE	PAGE	DESCRIPTION					
7J	6	Pink Latex					
8J	6	Black Latex					T
9J	6	White Nitrile					
<u>KNITTED G</u> STYLE	LOVES PAGE	DESCRIPTION					
KAS	13	Nylon Carbon Knit					
PDESDNY	13	Nylon Carbon PU Palm					
TDESDNY	13	Nylon Carbon PU Finger Tip					
PDESDEC	13	White Nylon/PU Palm ESD Coated					
PDWS	13	Nylon Carbon Nitrile Palm					
HWS	13	Nylon Carbon Nitrile Palm					
<u>GENERAL P</u>	URPO	<u>SE GLOVES</u>					
STYLE	PAGE	DESCRIPTION					
4BQF09	4	9"- 4 mil PF Blue Nitrile				H	
BQP09	4	9"- 5 mil PP Blue Nitrile				•	
BQF09	4	9"- 5 mil PF Blue Nitrile				•	
BQF12	4	12"- 5 mil PF Blue Nitrile					
8BQP09	4	9"- 8 mil PF Blue Nitrile					
8BQF09	4	9"- 8 mil PF Blue Nitrile				•	
BQY09	4	9"- 5 mil PF Blue Nitrile				•	
SQWF09	4	9"- 3 mil PF White Nitrile					
SQBF09	4	9"- 3 mil PF Blue Nitrile				•	
VCYF09	4	9"- 4 mil PF Clear Vinyl					•

QRP CHEMICAL RESISTANCE CHART

POLYTUFF Polyurethane

Polyurethane																				_		_		_	_	-							_					
QRP VINYL Vinyl	•	•	•	•	•	•	•		•	•	•	•		•					•	•		•	•	•	•	•	•	•	•	•	•	•		•	•			ded
Nitrile QUALATRILE		•	•	•	•	•			•	•	•	•	•	•		•					•	•	•	•	•	•	•	•	•	•	•	•			•		ended	mmer
Latex QUALATEX, BIOT	•	•	•	•	•	•	•	•		•	•	•	•	•		•		•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•		Recommended	Not Recommended
Material QRP BRAND				v													30-70%						ene	ЭС			te (TDI)											
CHEMICAL NAME	Percholric Acid, 30-70%	Perchloroethylene	Peroxyacetic Acid	Petroleum Ether, 80-110C	Phenol, >70%	Phosphoric Acid, >70%	Picric Acid	Potassium Hydroxide	Potassium lodide	Propyl Acetate	Pyridine	Silicon Etch	Silver Nitrate	Sodium Carbonate	Sodium Chloride	Sodium Fluoride	Sodium Hydroxide, 30-	Sodium Hypochlorite	Sodium Thiosulfate	Styrene	Sulfuric Acid, 30-70%	Tannic Acid	,2,4,5-Tetrachlorobenzene	, I, I, 2-Tetrachloroethane	Tetrahydrofuran	Toluene	Toluene-2,4- Diisocyanate	,2,4-Trichlorobenzene	, I, I - Trichloroethane	, I, 2-Trichloroethane	Trichloroethylene	Tricresyl Phosphate	Triethanolamine	Turpentine	Xylenes			
O bOTXLNEE bolyurethane	۲ ۲	<u>م</u>	<u> </u>	<u>م</u>	<u> </u>		E I	<u>م</u>	<u>م</u>		<u>a</u>	<u>.</u>	Si	ي م	Š	ي د	ي م	Š	Š	S1	- N	1			<u>ب</u>	<u>ب</u>	<u>م</u>					=	+	=	×			
ÓƘBAINAF		-	-	-	-	-												-	-	-			-		-						_		-					-
Nitrile QUALATRILE Vinyl				-	-	-												_	_	-			-				-											-
OUALATEX, BIOTE		-	-	-	-	-												-	-				-			-	_				-		-					-
Material QRP BRAND Latex		•	•	•	•	-248C	-	•	-	•	-	-	•	•	•	•	•	•	•	•	•	•	•	-	•	-	-	•	-	•	•	•	-	•	-	nenyls)		•
CHEMICAL NAME	Hydrofluoric Acid, <50%	Isobutyl Alcohol		sopropyl Alcohol	sopropylamine	et Fuel <30% Aromatics 73-248C		P.	Þi	Malathion, 30-70%	id		Methyl Acetate	Methyl Ethyl Ketone	Methyl Isobutyl Ketone	Methyl Methacrylate	Methylene Chloride	N-Amyl Acetate	N-Butyl Acetate	N-Butyl Alcohol	N-Methyl-2-Pyrrolidone	N-Propyl Alcohol	Naptha, 15-20% Aromatics	Naptha, <3% Aromatics	Nitric Acid, <30%	Nitric Acid, 30-70%	zene	ine	-Nitropropane	2-Nitropropane		ohol	P	bid	vcid	PCB (Polychlorinated Biphenyls)	Pentachlorophenol	
EMIC	droflue	outyl /	sooctane	propy	propy	Fuel <	Kerosene	_actic Acid	Lauric Acid	athior	Maleic Acid	Methanol	thyl Ae	thyl Et	thyl Is	thyl M	thylen	Amyl ⊿	3utyl A	3utyl ⊿	1 ethy	ropyl	otha,	otha, <	ric Ac	ric Ac	Nitrobenzene	Nitroethane	litropı	litropi	Octane	Octyl Alcohol	Oleic Acid	Oxalic Acid	Palmitic Acid	3 (Pol	tachlc	Pentane
		s							1				1		1						1													1		1	-	
Vinyl Polyurethane PolytTUFF	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			•
Nitrile QUALATRILE Viny Polyurethane POLYTUFF	•	• •	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	• • •	•	•	•	•	•			•
Nitrile QUALATRILE Viny Polyuredhane PolytrUFF POLYTUFF	•	el e	•	•	•	•	•	•	•	•	•		•	MF)	•	•	•	•	•	•	yl Ether 🔶 🔶 🔴	•	• • •	•	• •	•	•	•	atics	•	•	•	•	•	•			• • • 0 %0
QRP BRAND Latex QUALATEX, BIOTE Vitrile Vitry QRP VINYL POLYTUFF POLYTUFF	•	Diallylamine	Dichloroacetyl Chloride	Diesel Fuel	Diethanolamine	Diethylamine	Diethylene Glycol	Diethylenetriamine	Diisobutyl Ketone	Diisobutylamine	Dimethyl Ether	Dimethyl Sulfoxide (DMSO)	Dimethylacetamide	Dimethylformamide (DMF)	I,3-Dioxne	I,4-Dioxne	Epichlorohydrin	Ethanol	Ethyl Acetate	Ethyl Ether	Ethylene Glycol Dimethyl Ether 🔶 🔴 🌘	Ethylene Dichloride	Ethylene Glycol	Formaldehyde 30-70%	Formic Acid 🌑 🕒 🕒 🔴	Freon II3 or TF	Freon TMC	Furfural	Gasoline 40-50% Aromatics	Gasoline, Unleaded 🛛 🔴 😑 😐	Glutaraldehyde, <5%	Glycerol	Heptanes	Hexamethyldisiloxane	Hexane	Hvdrazine	Hydrochloric Acid, <30%	Hydrochloric Acid, 30-70% 💛 💛 🔶 🔴
Polyurethane Polyurethane CHEMCAL NAME Material	Diacetone Alcohol	•	 Dichloroacetyl Chloride Dichloroacetyl Chloride 		 Diethanolamine Diethanolamine 	Diethylamine	Diethylene Glycol	Diethylenetriamine	 Diisobutyl Ketone 	Diisobutylamine	Oimethyl Ether	 Dimethyl Sulfoxide (DMSO) 	 Dimethylacetamide Dimethylacetamide 	 Dimethylformamide (DMF) Dimethylformamide (DMF) 	I,3-Dioxne	I,4-Dioxne	Epichlorohydrin	Ethanol	Ethyl Acetate	Ethyl Ether	🔶 Ethylene Glycol Dimethyl Ether 🔶 🔴 🔴	Ethylene Dichloride	Ethylene Glycol	 Formaldehyde 30-70% Event and a second second	 Formic Acid Formic Acid 	 Freon 113 or TF End 	Ereon TMC	Eurfural	Gasoline 40-50% Aromatics	 Gasoline, Unleaded Gasoline, Unleaded 	 Glutaraldehyde, <5% Glutaraldehyde, <5% 		Heptanes	- Hexamethyldisiloxane	Hexane	Hydrazine	Hydrochloric Acid, <30%	🜒 Hydrochloric Acid, 30-70% 💛 👴 👴 🔴
Ушу ОқРУИИЧЕ ОқРУИИЧЕ Ројуигеtілле ОқР ВКАИD ОқР ВКАИD СЕ Истіе ОқРУИИЧЕ Са ОқРУИИЧЕ Са С С С С С С С С С С С С С С С С С С	Diacetone Alcohol	•	Oichloroacetyl Chloride	Diesel Fuel	Diethanolamine	Oiethylamine	Diethylene Glycol	Diethylenetriamine	Diisobutyl Ketone	Oiisobutylamine	Dimethyl Ether	Oimethyl Sulfoxide (DMSO)	Oimethylacetamide	Dimethylformamide (DMF)	1,3-Dioxne 1,3-Dioxne	1,4-Dioxne • •	Epichlorohydrin	Ethanol	Ethyl Acetate	Ethyl Ether	Ethylene Glycol Dimethyl Ether	Ethylene Dichloride	Ethylene Glycol	Formaldehyde 30-70%	Formic Acid	Freon 113 or TF	Freon TMC	Furfural	Gasoline 40-50% Aromatics	Gasoline, Unleaded	Glutaraldehyde, <5%	Glycerol	Heptanes	Hexamethyldisiloxane	Hexane	Hvdrazine	H Mydrochloric Acid, <30%	🔶 🕒 Hydrochloric Acid, 30-70% 💛 👴 😐
POLYTUFF POLYTUFF CHEMICAL NAME Material Materia	Diacetone Alcohol	•	Oichloroacetyl Chloride		Oiethanolamine	Oiethylamine	Dietchylene Glycol	Diethylenetriamine	Diisobutyl Ketone	Oiisobutylamine	Dimethyl Ether	Oimethyl Sulfoxide (DMSO)	Dimethylacetamide	Dimethylformamide (DMF)	1,3-Dioxne	(1,4-Dioxne	Epichlorohydrin	Ethanol	Ethyl Acetate Ethyl Acetate	Ethyl Ether	Ethylene Glycol Dimethyl Ether	Ethylene Dichloride	Ethylene Glycol	Eormaldehyde 30-70% E	Eormic Acid	Freon 113 or TF	Ereon TMC Ereon TMC	Furfural	Gasoline 40-50% Aromatics	Gasoline, Unleaded	Glutaraldehyde, <5%	Glycerol Glycerol	Heptanes	Hexamethyldisiloxane	Hexane	Hvdrazine	Hydrochloric Acid, <30%	🜒 🔷 🔹 Hydrochloric Acid, 30-70% 🛛 👴 😧 🔴
Иіктіе Оряучичца Родутин Родутин Макетале Одяригетале Одарьтяць Одарьтяць Одарьтяць Одарьтяць Родутетале Родутин Родутетале Родутетале	Diacetone Alcohol	•	 Dichloroacetyl Chloride Dichloroacetyl Chloride 	● ● ● ● Diesel Fuel ● ● ● ●	 Diethanolamine Diethanolamine 	● ● ● ● Diethylamine ● ● ● ●	O Diethylene Glycol	Diethylenetriamine	Diisobutyl Ketone	Diisobutylamine	Dimethyl Ether	Oimethyl Sulfoxide (DMSO)	Oimethylacetamide	Dimethylformamide (DMF)	• • • • • • • • • • • • • • • • • • •	(1,4-Dioxne	Epichlorohydrin	Ethanol	Ethyl Acetate Ethyl Acetate Ethyl Acetate	Ethyl Ether	Ethylene Glycol Dimethyl Ether	Ethylene Dichloride	● ● ● ● ● Ethylene Glycol ● ● ● ●	Eormaldehyde 30-70% E	Eormic Acid	Freon 113 or TF	Ereon TMC	Furfural	Gasoline 40-50% Aromatics	Casoline, Unleaded	● ● ● ● Glutaraldehyde, <5% ● ● ●		Heptanes	Hexamethyldisiloxane	Hexane	Hydrazine	Hydrochloric Acid, <30%	 Hydrochloric Acid, 30-70% Hydrochloric Acid, 30-70%
QUALATEX, BIOTE QUALATRILE Vinyi Vinyi Polyurethane Polyurethane Material Material Mitrile QUALATEX, BIOTE Mitrile QUALATEX, BIOTE Mitrile QUALATEX, BIOTE Vinyi Vinyi Vinyi Vinyi Vinyi Vinyi PolyTUFF	Oiacetone Alcohol	•	Oichloroacetyl Chloride	• •	Oliethanolamine Oliethanolamine	● ● ● ● Diethylamine ● ● ● ●	Oriential Diethylene Glycol	Ammonium Carbonate	-70%	•	•	Oimethyl Sulfoxide (D	Dimethylacetamide	Oimethylformamide (DMF)			Epichlorohydrin	Ethanol	Ethyl Acetate	Ethyl Ether	Ethylene Glycol Dimethyl Ether	Ethylene Dichloride	Ethylene Glycol	•	Chlorodibromomethane 🛛 🖝 🕒 🔶 Formic Acid	Ereon 113 or TF	Ereon TMC	Eurfural	 Gasoline 40-50% Aromatics Gasoline 40-50% Aromatics 	Gasoline, Unleaded	Glutaraldehyde, <5%		Heptanes	Hexamethyldisiloxane	Hexane		Hydrochloric Acid, <30%	🛑 🛑 🔶 🛑 Hydrochloric Acid, 30-70% 🛛 😶 🕒 🔴

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