



**QRP INC.**

## **Safety Data Sheet**

### **Qualatex XC Powder-Free Natural Latex Fingercots**

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#### **SECTION 1: Identification**

##### **1.1 Product identifier**

|                |  |
|----------------|--|
| Product name   | Qualatex XC Powder-Free Natural Latex Fingercots |
| Product number | 5C   |
| Brand          | Qualatex   |

##### **1.3 Recommended use of the chemical and restrictions on use**

Qualatex XC Powder-Free Natural Latex Fingercots are recommended for general personal and/or product protection in controlled environments.

##### **1.4 Supplier's details**

|           |  |
|-----------|--|
| Name      | QRP Inc.   |
| Address   | 3781 N. Highway Drive<br>Tucson, AZ 85705<br>USA |
| Telephone | 520.790.3533                                     |
| Fax       | 520.790.3530                                     |
| email     | info@qrp-gloves.com                              |

##### **1.5 Emergency phone number(s)**

520.790.3533 8-4pm MST English

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#### **SECTION 2: Hazard identification**

##### **2.1 Classification of the substance or mixture**

Not a hazardous substance or mixture.

##### **2.2 GHS label elements, including precautionary statements**

Not a hazardous substance or mixture.

##### **2.3 Other hazards which do not result in classification**

Not a hazardous substance or mixture.

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**SECTION 3: Composition/information on ingredients**

**3.2 Mixtures**

Formula Composite

**Hazardous components**

**1. Centrifuged Natural Rubber Latex**

Concentration >= 97 %

Other names / synonyms Centrifuged Natural Rubber Latex  
CAS no. 9003-31-0

**2. TITANIUM DIOXIDE**

Concentration < 0.73 %

Other names / synonyms TiO<sub>2</sub>  
EC no. 236-675-5  
CAS no. 13463-67-7

**3. Sulfur**

Concentration < 0.73 %

Other names / synonyms Sulfur  
EC no. 231-722-6  
CAS no. 7704-34-9  
Index no. 016-094-00-1

**4. Phenol, 4-methyl-, reaction products with dicyclopentadiene and isobutylene**

Concentration < 0.7 %

Other names / synonyms Phenol, 4-methyl-, reaction products with dicyclopentadiene and isobutylene  
EC no. 271-867-2  
CAS no. 68610-51-5

**5. Zinc oxide**

Concentration < 0.35 %

Other names / synonyms C.I. 77947; C.I. Pigment White 4; Chinese white; Zinc oxide; Zinc oxide (ZnO); Zinc white  
EC no. 215-222-5  
CAS no. 1314-13-2  
Index no. 030-013-00-7

**6. TETRAMETHYLTHIURAM DISULFIDE**

Concentration < 0.16 %

Other names / synonyms TT  
EC no. 205-286-2  
CAS no. 137-26-8  
Index no. 006-005-00-4

**7. Carbamodithioic acid, N,N-dibutyl-, sodium salt (1:1)**

Concentration < 0.15 %

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|                        |           |
|------------------------|-----------|
| Other names / synonyms | TP        |
| EC no.                 | 205-238-0 |
| CAS no.                | 136-30-1  |

### 8. Naphthalenesulfonic acid, polymer with formaldehyde, sodium salt

|               |         |
|---------------|---------|
| Concentration | < 0.1 % |
|---------------|---------|

|                        |           |
|------------------------|-----------|
| Other names / synonyms | Vultamol  |
| CAS no.                | 9084-06-4 |

### 9. zinc bis(diethyldithiocarbamate)

|               |          |
|---------------|----------|
| Concentration | < 0.08 % |
|---------------|----------|

|                        |              |
|------------------------|--------------|
| Other names / synonyms | EZ           |
| EC no.                 | 238-270-9    |
| CAS no.                | 14324-55-1   |
| Index no.              | 006-082-00-4 |

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## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

|  |   |
|--|---|
| General advice   | Users are advised against touching sensitive skin areas such as the eye, nose, lips and mouth after donning to minimize skin irritations on certain individuals. Because of its protective function, the product is unventilated except at the ring roll. Users should replace the product frequently, wash and clean their hands prior to donning the product again to reduce skin fatigue and roughening on the areas in frequent contact with the product. |
| If inhaled   | n/a   |
| In case of skin contact                                | Wash off with soap and plenty of water.   |
| In case of eye contact                                 | Flush eyes with water as a precaution.  |
| If swallowed   | n/a   |
| Personal protective equipment for first-aid responders | none  |

### 4.2 Most important symptoms/effects, acute and delayed

Irritant contact dermatitis may result from prolonged contact with the product, the causative agents being residual surfactants, certain processing chemicals and inadequate post production processing. There are no evidence of any adverse effects from available information of sulfur, zinc oxide and titanium dioxide. However, presence of residual ZDEC, ZMBT and anti-oxidants on the product surface may cause delayed type IV hypersensitivity e.g. allergic contact dermatitis and chemical allergy. Reactions include itching, burning sensations, blistering, reddening and pain. In chronic cases, users may develop dry and thickened skin, cracks, peeling and crusting.

Natural rubber latex contains a small quantity of natural proteins which may cause an immediate type I hypersensitive reactions such as urticaria and anaphylaxis in a small percentage of the population. However, the process of chlorination to make the gloves powder-free also reduces the extractable protein on the glove surface to below 50µg per gram glove. At such low protein level, sensitization is extremely rare. In any event, a user who cannot tolerate latex gloves is advised to consider alternative non-latex gloves. Type I hypersensitivity is often accompanied by symptoms such as itching, hives, swelling, runny nose, wheezing and breathing difficulty. Other

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symptoms may involve nausea, abdominal cramps, increased heart palpitation, decreased blood pressure and anaphylactic shock.

### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

If allergic reaction occurs, discontinue use immediately and consult a physician.

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## SECTION 5: Fire-fighting measures

### 5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### 5.2 Specific hazards arising from the chemical

No fire or explosion hazards are associated with these products. They will melt at elevated temperatures.

### 5.3 Special protective actions for fire-fighters

Use standard procedure for combustion material fires, including approved self-contained breathing apparatus.

#### Further information

No data available.

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

These products are solid articles and are not subject to leak or spill.

### 6.2 Environmental precautions

n/a

### 6.3 Methods and materials for containment and cleaning up

n/a

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Do not store gloves/fingercots where temperatures may rise above 40°C / 140°F. Store them in a cool place. Open boxes of gloves/fingercots should be shielded from exposure to direct sun or florescent lighting to prevent discoloration. Gloves/fingercots should not be stored in damp or high humidity areas.

### 7.2 Conditions for safe storage, including any incompatibilities

n/a

#### Specific end use(s)

n/a

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### 1. Titanium dioxide - Total dust (CAS: 13463-67-7)

PEL (Inhalation): 15 mg/m<sup>3</sup> (OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

#### 2. Titanium dioxide - Total dust (CAS: 13463-67-7)

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PEL (Inhalation): See PNOR (Cal/OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

### 3. Titanium dioxide - Total dust (CAS: 13463-67-7)

REL (Inhalation): Ca, (ultrafine particles), 2.4 mg/m<sup>3</sup> (fine), 0.3 mg/m<sup>3</sup> (ultrafine), See Appendix A, See Appendix C (NIOSH)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

### 4. Zinc oxide fume (CAS: 1314-13-2)

PEL (Inhalation): 5 mg/m<sup>3</sup> (OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

### 5. Zinc oxide fume (CAS: 1314-13-2)

PEL (Inhalation): 5 mg/m<sup>3</sup>, (ST) 10 mg/m<sup>3</sup> (Cal/OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

### 6. Zinc oxide fume (CAS: 1314-13-2)

REL (Inhalation): 5 mg/m<sup>3</sup>, (ST) 10 mg/m<sup>3</sup> (NIOSH)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

### 7. Zinc oxide (CAS: 1314-13-2)

PEL (Inhalation): See PNOR (Cal/OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

### 8. Zinc oxide, Total dust (CAS: 1314-13-2)

PEL (Inhalation): 15 mg/m<sup>3</sup> (OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

### 9. Zinc oxide, Total dust (CAS: 1314-13-2)

PEL (Inhalation): 10 mg/m<sup>3</sup> (Cal/OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

### 10. Zinc oxide, Total dust (CAS: 1314-13-2)

REL (Inhalation): 5 mg/m<sup>3</sup>, (C) 15 mg/m<sup>3</sup> (NIOSH)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

### 11. Zinc oxide, Respirable fraction (CAS: 1314-13-2)

PEL (Inhalation): 5 mg/m<sup>3</sup> (OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

### 12. Zinc oxide, Respirable fraction (CAS: 1314-13-2)

PEL (Inhalation): 5 mg/m<sup>3</sup> (Cal/OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

### 13. Thiram (CAS: 137-26-8)

PEL (Inhalation): 5 mg/m<sup>3</sup> (OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

### 14. Thiram (CAS: 137-26-8)

PEL (Inhalation): 5 mg/m<sup>3</sup> (Cal/OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

### 15. Thiram (CAS: 137-26-8)

REL (Inhalation): 5 mg/m<sup>3</sup> (NIOSH)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

## 8.2 Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

## 8.3 Individual protection measures, such as personal protective equipment (PPE)

### Eye/face protection

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Not necessary under conditions of intended use.

### Skin protection

Not necessary under conditions of intended use.

### Body protection

Not necessary under conditions of intended use.

### Respiratory protection

Not necessary under conditions of intended use.

### Thermal hazards

n/a

### Environmental exposure controls

n/a

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## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

|   |                    |
|---|--------------------|
| Appearance/form                         | latex fingercots   |
| Odor                                    | n/a                |
| Odor threshold                          | n/a                |
| pH                                      | n/a                |
| Melting point/freezing point            | n/a                |
| Initial boiling point and boiling range | n/a                |
| Flash point                             | n/a                |
| Evaporation rate                        | n/a                |
| Flammability (solid, gas)               | n/a                |
| Upper/lower flammability limits         | n/a                |
| Upper/lower explosive limits            | n/a                |
| Vapor pressure                          | n/a                |
| Vapor density                           | n/a                |
| Relative density                        | n/a                |
| Solubility(ies)                         | Insoluble in water |
| Partition coefficient: n-octanol/water  | n/a                |
| Auto-ignition temperature               | n/a                |
| Decomposition temperature               | n/a                |
| Viscosity                               | n/a                |
| Explosive properties                    | n/a                |
| Oxidizing properties                    | n/a                |

### Other safety information

Avoid contact with copper content material.

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Stable.

### 10.2 Chemical stability

Stable.

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### 10.3 Possibility of hazardous reactions

n/a

### 10.4 Conditions to avoid

n/a

### 10.5 Incompatible materials

Gloves/fingercots can be contaminated if they come in contact with copper content material.

### 10.6 Hazardous decomposition products

In a fire, these products may produce a black smoke.

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## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

The program did not find any acute toxicity classifications for components present above relevant thresholds in the product.

#### Serious eye damage/irritation

None could be determined.

#### Germ cell mutagenicity

No components included this classification.

#### Reproductive toxicity

No components included this classification.

#### Summary of evaluation of the CMR properties

No components included this classification.

#### STOT-single exposure

No components were found exhibitin specific target organ toxicity, repeated/prolonged exposure, above the minimum cut-off values.

#### STOT-repeated exposure

No components were found exhibitin specific target organ toxicity, repeated/prolonged exposure, above the minimum cut-off values.

#### Aspiration hazard

No components included this classification.

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## SECTION 12: Ecological information

### Toxicity

No data available.

### Persistence and degradability

No data available.

### Bioaccumulative potential

No data available.

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### Mobility in soil

No data available.

### Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

### Other adverse effects

No data available.

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## SECTION 13: Disposal considerations

### Disposal of the product

Refer to applicable local, state, and federal regulations.

### Disposal of contaminated packaging

Dispose of as unused product.

### Waste treatment

n/a

### Sewage disposal

n/a

### Other disposal recommendations

n/a

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## SECTION 14: Transport information

### DOT (US)

Not dangerous goods

### IMDG

Not dangerous goods

### IATA

Not dangerous goods

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## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations specific for the product in question

#### California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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## SECTION 16: Other information

Conformity:

- D 3772-92 ASTM Standard Specification for Rubber Finger Cots
- IES-RP-CC005.2 Gloves and Finger Cots Used in Cleanrooms and Other Controlled Environments
- D 573-88 (1984)e1 ASTM Standard Test Method for Rubber Deterioration in an Air Oven
- 21 CFR 170



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### 16.1 Further information/disclaimer

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Note: Products sold by QRP are included in the Manufactured Article Exemption of the Hazard Communications Regulations in the Code of Federal Regulations (29 CFR 1910.1200). As a result, an SDS is not required. QRP endeavors to provide as much information as is possible about the product in its catalog and product information sheets. This SDS sheet is provided as an informational service to QRP's customers, to assist them in evaluation of QRP gloves and fingercots.