



KOMEX

Safety Data Sheet

Powdered Natural Latex Fingercots

Day of issue : 11 Nov 2016

SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

1.1 Product identifier

Product name : Powdered Natural Latex Fingercots
Product code: F100A

1.3 Recommended use of the chemical and restrictions on use

Komex Powdered Natural Latex Fingercots are recommended for general personal and/or product protection in controlled environments.

1.4 Supplier's details

Name Komex Vina Co., Ltd
Address Street 8, Lo A2.4, Chon Thanh I Industrial Park, Thanh Tam Commune,
Chon Thanh District, Binh Phuoc Province, Viet Nam.
Telephone (+84) 0651 369 1192
Fax (+84) 0651 369 1193

1.5 Emergency phone number

(+84) 0651 369 1192 (office hours only)

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.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

All chemicals used are non-toxic/ non-hazardous

3.2 Mixtures

Formula Composite

1. Centrifuged Natural Rubber Latex

Concentration > = 85 %
Other names / synonyms Centrifuged Natural Rubber Latex
CAS no. 9003-31-0



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2. Calcium Carbonate

Concentration	< 10 %
Other names / synonyms	CaCO ₃ , Precipitated Calcium Carbonate
EC no.	207-439-9
CAS no.	471-34-1

3. Titanium Dioxide

Concentration	< 0.60 %
Other names / synonyms	TiO ₂
EC no.	236-675-5
CAS no.	13463-67-7

4. Sulfur

Concentration	< 0.55 %
Other names / synonyms	Sulfur
EC no.	231-722-6
CAS no.	7704-34-9
Index no.	016-094-00-1

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

Concentration	< 0.35 %
Other names / synonyms	Phenol, 4-methyl-, reaction products with dicyclopentadiene and isobutylene
EC no.	271-867-2
CAS no.	68610-51-5

6. Zinc Oxide

Concentration	< 0.30 %
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

7. Zinc Dibutyl Dithiocarbamate (ZDBC)

Concentration	< 0.12 %
Other names / synonyms	ZDBC
EC no.	136-23-2
CAS no.	205-232-8
Index no.	006-081-00-9



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8. Zinc Diethyl Dithiocarbamate (ZDEC)

Concentration	< 0.12 %
Other names / synonyms	ZDEC
EC no.	14324-55-1
CAS no.	238-270-9
Index no.	006-082-00-4

SECTION 4: FIRST-AID MEASURES

4.1 Description of necessary first-aid measures

General advice

This product contains Natural Rubber Latex which may cause allergic reactions on certain individuals. 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. Discontinue use if reddening or irritation occurs. Users who are allergic to latex should consider alternative hand protection and should consult a physician.

If inhaled	No data available.
In case of skin contact Wash off with soap and plenty of water.	Finger cots contains natural rubber latex which may cause allergic reactions.
In case of eye contact a precaution.	Should not rub Eyes with Finger cots on the fingers. Flush eyes with water as
If swallowed	No data available.
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, ZDBC 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 Fingercots powder-free also reduces the extractable protein on the glove surface to below 50µg per gram. At such low protein level, sensitization is extremely rare. In any event, a user



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who can not tolerate latex fingercots is advised to consider alternative non-latex fingercots. Type I hypersensitivity is often accompanied by symptoms such as itching, hives, swelling, runny nose, wheezing and breathing difficulty. Other 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.

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.

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

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

They should be stored in a cool place, located away from source of heat and light. Do not store fingercots where temperatures may rise above 40°C / 104°F. Open boxes of fingercots should be shielded from exposure to direct sun or florescent lighting to prevent discoloration. Fingercots should not be stored in damp or high humidity areas.

7.2 Conditions for safe storage, including any incompatibilities

n/a



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Specific end use(s)

n/a

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

n/a

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

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance/form

Latex fingercots

Size	S	M	L	XL
Average Weight (mm)	0.42 ± 0.02	0.47 ± 0.02	0.52 ± 0.02	0.59 ± 0.02
Rolled type, Length (mm)	70 ± 5	70 ± 5	70 ± 5	70 ± 5
Cut type, Length (mm)	60 ± 5	60 ± 5	60 ± 5	60 ± 5
Width (mm)	23 ± 2	27 ± 2	29 ± 2	32.5 ± 2.5
Thickness (mm)	0.10 ± 0.03	0.10 ± 0.03	0.10 ± 0.03	0.10 ± 0.03



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Color	Yellow, Pink or Black
Odor	Faint Chlorine (powder-free)
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.

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable.

10.2 Chemical stability

Stable.

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

Aspiration hazard

No components included this classification.

None under normal conditions of use - however the following may occur:

- » anaphylactic/allergic response to those with type I sensitivity to natural rubber latex.
- » irritation to those with type IV sensitivity to accelerator chemicals.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

No data available.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Other adverse effects

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal of the product

Refer to applicable local national legislation.

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

SECTION 15: REGULATORY INFORMATION

Non-applicable.

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

Disclaimer

Information Presented here has been compiled from various sources considered to be dependable. It is accurate and reliable to the best of our knowledge and belief. However, it is not guaranteed to be so. The users are responsible to determine the suitability of the product for specific purposes. It may be necessary to adopt safety precautions.