



REDEFINING PROTECTION

*Unleashing the Power of Innovation in addressing your needs.
Leading you into the New Insight of Hand Protection.*

A technology by,



Redefining Protection, Caring for Your Skin

In the world of gloves, Type I (latex allergy) & Type IV (contact dermatitis) Hypersensitivity is caused by specific allergens found in gloves. This has become a serious concern affecting the medical professionals, patients and general public.

Type I Hypersensitivity allergic reaction will occur within minutes as urticaria, rhinitis or asthma when a person is exposed to certain proteins in the natural rubber latex that the person has been sensitised to.

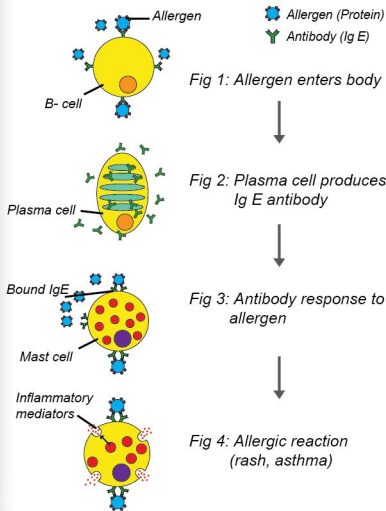


Diagram: Type I Hypersensitivity Allergic Reaction

Source: 'Type I Hypersensitivity', Dr. Gary Kaiser (Community College Of Baltimore County, Catonsville Campus), 2016.

Type IV Hypersensitivity allergic reaction will be elicited within 48 to 96 hours as dermatitis at the contact area when the skin gets into contact with chemical accelerators used in the manufacturing of rubber gloves.

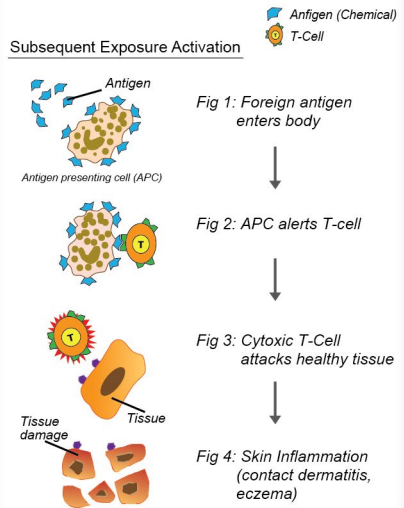


Diagram: Type IV Hypersensitivity Allergic Reaction

Source: 'Basics of Hypersensitivity', Prateek Biyani, 2014.

LOW DERMA®
TECHNOLOGY ENDORSES
ESSENTIAL NEEDS FOR:



This patented formulation eliminates the use of natural rubber, as a source of latex, sulphur and sulphur containing vulcanising accelerators (thiuram, carbamate, thiazole) all of which are potential causes of Type I and Type IV Hypersensitivity.

CHEMAX[®] 7th Sense[®]

Pure · Pleasure · Performance · Protection

With **LOW DERMA[®]** technology, **KOSSAN[®]** takes a step further in Sensing the Need and Knowing the Future In view. of the increasing global demand for a solution to reduce Type I & Type IV hypersensitivity, **KOSSAN[®]** has innovatively designed CHEMAX[®] 7th Sense[®], a proprietary formulated nitrile glove using **LOW DERMA[®]** technology.



FEATURES

**NO ACCELERATORS
CHEMICALS**

**LOW DERMATITIS
POTENTIAL CLAIM**

**SOFT WITH
DESIRABLE DYNAMIC
VISCOELASTICITY**


**GOOD RESISTANCE
TO CHEMICALS**

1st
**Low Dermatitis
Potential Claim in Gloves**

THE LEADER

The 1st US FDA claim granted
on 'Low Dermatitis Potential'
for gloves.

TRUSTED BRAND

 the world renowned
glove specialist.

REDUCE RISK

On Type I
Hypersensitivity and Type
IV Hypersensitivity.



UNCOMPROMISED PROTECTION

A technology targeting
high performance
products.

CLINICALLY PROVEN

with Modified Human Draize
Test.

R&D BREAKTHROUGH

An innovation that provides
better solution to users.



A technology by,



STRETCHING LIMITS • SINCE 1979