

Potential Allergen Sources:

Used in fungicides, pesticides, seed protectants, animal repellants, Antabuse® and the manufacturing of natural rubber, butyl rubber, nitrile or neoprene for:

- Industrial and safety products such as boots, shoes, adhesives, plugs, goggles, mats, headphones, masks, respirators, aprons, gloves, cords, tubing, insulation, and sheeting;
- Office products such as rubber bands, erasers, mats, and utility gloves;
- Health care equipment such as medical and utility gloves, masks, bed sheeting, dental dams, anesthesia equipment, aprons, and tubing;
- Sports equipment and household products such as toys, gloves, swimwear, wetsuits, shoes, boots, masks, racquet and club handles.



Rubber Chemicals

25. DIAZOLIDINYL UREA (GERMALL® II)

Concentration: 0.55mg/cm²

Vehicle: Polyvidone

Allergen component per patch: Diazolidinyl urea, 0.45 mg

Synonyms or components:

Diazolidinyl urea:

- Germall 11
- Imidazolidinyl urea 11
- N-(1,3-Bis(hydroxymethyl)-2,5-dioxo-4-imidazolidinyl)-N,N'-bis(hydroxymethyl)urea
- N-(Hydroxymethyl)-N-(1,3-dihydroxymethyl-2,5-dioxo-4-imidazolidinyl)-N'-(hydroxymethyl) urea
- N-(Hydroxymethyl)-N-(1,3-dihydroxymethyl-2,5-dioxo-4-imidazolidinyl)-N'-(hydroxymethyl)urea

Chemical Identification: CAS Registry Nos. 78491-02-8,
EINECS Nos. 278-928-2

Other substances to which the patient may react:

- Imidazolidinyl urea
- Formaldehyde
- Bronopol
- Quaternium 15
- Dimethyl dimethyl hydantion

Potential Allergen Sources:

- Products for personal care, hygiene, and hair care;
- Cosmetics;
- Cleaning agents;
- Liquid soaps;
- Pet shampoos.



*Personal Care
Products*

26. IMIDAZOLIDINYL UREA (GERMALL® 115)

Concentration: 0.60mg/cm²

Vehicle: Polyvidone

Allergen component per patch: Imidazolidinyl urea, 0.49 mg

Synonyms or components:

Imidazolidinyl urea (Germall® 115):

- Imidazolidinyl urea
- Imidurea
- Urea, N,N"-methylenebis(N'-(3-(hydroxymethyl)-2,5-dioxo-4-imidazolidin-yl urea
- N,N"-Methylenebis(N'-(1-(hydroxymethyl)-2,5-dioxo-4-imidazolidin-yl)-

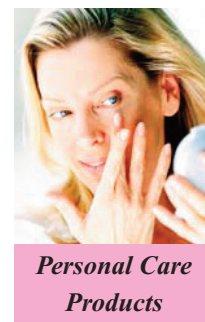
Chemical Identification: CAS Registry Nos. 39236-46-9, EINECS Nos. 254-372-6,
Other Registry Nos. 82852-50-4

Other substances to which the patient may react:

- Diazolidinyl urea
- Formaldehyde
- Bronopol
- Quaternium 15
- Dimethyl dimethyl hydantion

Potential Allergen Sources:

- Products for personal care, hygiene, and hair care;
- Cosmetics;
- Cleaning agents;
- Liquid soaps;
- Moisturizers.



27. BUDESONIDE

Concentration: 0.0010mg/cm²

Vehicle: Polyvidone

Allergen component per patch: 0.00081 mg

Synonyms or components:

Budesonide:

- (11-beta,16-alpha)-16,17-(Butylidenebis(oxy))-11,21-dihydroxypregna-1,4-diene-3,20-dione
- (RS)-11beta,16alpha,17,21-Tetrahydroxypregna-1,4-diene-3,20-dione cyclic 16,17-acetal with butyraldehyde
- 16-alpha,17-alpha-Butylidenedioxy-11-beta,21-dihydroxy-1,4-pregnadiene-3,20-dione
- Bidien
- Budeson
- Rhinocort
- Spirocort
- Entocort

Chemical Identification: CAS Registry Nos. 51333-22-3,
EINECS Nos. 257-139-7

Other substances to which the patient may react:

- Amcinonide
- Hydrocortisone-17-butyrate
- Hydrocortisone-17-aceponate
- Hydrocortisone buteprate
- Methylprednisolone aceponate
- Prednicarbate
- Triamcinoline

Potential Allergen Sources:

- Anti-Inflammatory agents;
- Creams, lotions, ointments, and powders;
- Ear, Nose, and eye drops;
- Inhalation drugs, tablets, and injectables;
- Rectal suspension (colitis treatments).



*Drugs and
medicines*

28. TIXOCORTOL-21-PIVALATE

Concentration: 0.0030 mg/cm²

Vehicle: Polyvidone

Allergen component per patch: Tixocortol-21-Pivalate, 0.0024 mg

Synonyms or components:

Tixocortol-21-Pivalate:

Tixocortol pivalate [USAN]

11beta,17-Dihydroxy-21-mercaptopregn-4-ene-3,20-dione 21-pivalate Pivalone

Pregn-4-ene-3,20-dione, 21-((2,2-dimethyl-1-oxopropyl)thio)-11,17-dihydroxy-, (11beta)-)

Chemical Identification: CAS Registry Nos. 55560-96-8,
EINECS Nos. 259-706-4

Other substances to which the patient may react:

- Cloprednol
- Hydrocortisone
- Hydrocortisone acetate
- Prednisolone
- Fludrocortisone acetate
- Hydrocortisone 17-butyrate

Potential Allergen Sources:

- Anti-inflammatory agents/ prescription and non prescription;
- Nasal suspensions for rhinitis;
- Lozenges for pharyngitis;
- Rectal suspension for ulcerative colitis.



*Drugs and
medicines*

29. QUINOLINE MIX

Concentration: 0.19mg/cm²

Vehicle: Polyvidone

Allergen patch components: Quinoline mix, 0.15 mg

Synonyms or components:

Quinoline mix:

- 1-Azanaphthalene
- 1-Benzazine
- 2,3-Benzopyridine
- Benzo(b)pyridine
- Benzopyridine
- Chinoleine
- Chinoline
- Leucol

Quinoline Mix components:

- Clioquinol
- Clorquinaldol

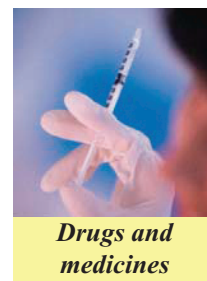
Chemical Identification: CAS Registry Nos. 91-22-5,
EINECS Nos. 202-051-6,
Other Registry Nos. 20214-07-7,
FEMA No. 3470

Other substances to which the patient may react:

- Vioform
- Diodoquin
- Quinoloar

Potential Allergen Sources:

- Paste bandages;
- Prescription and non prescription preparations as: topical antibiotics and antifungal creams, lotions, ointments;
- Animal food;
- Bacteriostatic and fungistatic cream (eg. Sterosan Cream).



PATCH COMPOSITION

Tape Composition: Rayon fibers

Patch Composition: Polyester

Adhesive Composition: Vinyl-acetate, 2-ethyl-hexyl-acrylate, hydroxy-ethyl-methacrylate, glycidyl-methacrylate.