

EPA Chemical Resistance Category Selection Chart

For use when PPE section on pesticide label lists a chemical resistance category

| Selection Category Listed on Pesticide Label | Type of Personal Protective Material | | | | | | | |
|--|--------------------------------------|--------------------------------|----------------------------------|-----------------------------------|-----------------------------------|--------------|--|-------------------------|
| | Barrier Laminate | Butyl Rubber > or = 14 mils | Nitrile Rubber > or = 14 mils | Neoprene Rubber > or = 14 mils | Natural Rubber* > or = 14 mils | Polyethylene | Polyvinyl chloride (PVC) > or = 14 mils | Viton > or = 14 mils |
| A | high | high | high | high | high | high | high | high |
| B | high | high | slight | slight | none | slight | slight | slight |
| C | high | high | high | high | moderate | moderate | high | high |
| D | high | high | moderate | moderate | none | none | none | slight |
| E | high | slight | high | high | slight | none | moderate | high |
| F | high | high | high | moderate | slight | none | slight | high |
| G | high | slight | slight | slight | none | none | none | high |
| H | high | slight | slight | slight | none | none | none | high |

* includes natural rubber blends and laminates

A: Dry and water based formulations (Gramoxone 2.0 SL)

B: Ketones, such as acetone (Avid 0.15 EC)

C: Alcohol (Dylox 420 SL)

D: Acetates (Astro)

E: Aliphatic petroleum distillates (Sevin SL)

F: Aromatic petroleum distillates < 40% (Dimethoate 4E, Chemnova)

G: Aromatic petroleum distillates > 40% (Chlorpyrifos 4E, Drexel)

H: Halogenated Hydrocarbons (Chloropicrin 100, Cardinal)

HIGH: Highly chemical-resistant. Clean or replace PPE at end of each day's work period. Rinse off pesticides at rest breaks.

MODERATE: Moderately chemical-resistant. Clean or replace PPE within an hour or two of contact.

SLIGHT: Slightly chemical-resistant. Clean or replace PPE within 10 minutes of contact.

NONE: No chemical-resistance. Do not wear this type of material as PPE when contact is possible.

Reference: EPA, "Labeling Review Manual-Chapter 10: Worker Protection Labeling, EPA Chemical Resistance Category Selection Chart."

