## Chemical-resistant Gloves

- AHE400 Tables BP-5 (pg 100-101) and HG-5 (pg 290-291)
  - Backpack applicators
    - 16 of 19 wore nitrile
    - 3 of 19 wore rubber
  - Handgun applicators
    - 19 of 21 wore nitrile
    - 2 of 21 wore rubber
- Type of chemical-resistant gloves vary based on products and are indicated on product labels
  - Solvent-based categories

SELECTION CATEGORY LISTED ON PESTICIDE LABEL	TYPE OF PERSONAL PROTECTIVE MATERIAL							
	Barrier Lami- uaie	Botyl Robbet <u>2</u> I4 mils	Nitrile Robber E I4 mils	Neopte be Rubbet ≧ I4 mils	Natoral Robbet™ ≧ I4 mils	Poly- elbylene	Polywiayi C bloride (PMC) > 14 mils	¥fiou ≥ 84 mils
A (dry and water-based formulations)	high	high	high	high	high	high	high	high
B	high	high	slight	slight	POPS	slight	slight	slight
c	high	high	high	high	moder- ate	moder- ate	high	high
10-	high	high	moder- ate	moder- ate	none	none.	none	slight
E	high	slight	high	high	slight	none.	moder- ate	high
r	high	high	high	moder- ate	slight	TLOTHS	slight	high
G	high	slight	slight	slight	none	none	none	high
I	high	slight	slight	slight	none	none	none	high

"includes natural rubber blends and laminates

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- AHETF correspondence indicates they considered:
  - Product labeling
  - Tanks mixes
  - Glove categories
- All ai's/products used in Backpack/Handgun ROW study are "Category A" for which any CR glove is appropriate, including nitrile or rubber gloves
- But there is recognition that nitrile or rubber gloves may not be appropriate for all products
- HSRB comments regarding potential CR glove permeation should consider these additional notes



## What Did You Think?

We strive to constantly provide the highest level of value for you. Please take a few minutes to tell us about your experience using this product.

To be taken to a short consumer satisfaction survey, please  $\underline{\text{click here}}$  or copy and paste the following URL into your browser:

https://www.surveymonkey.com/r/OSAconsumerfdbck?product=Chemical Resistant Gloves

Thank you for your feedback.

Sincerely,

Office of the Science Advisor United States Environmental Protection Agency www.epa.gov/OSA@epa.gov