



DTSC's Information Call-in on Nail Products

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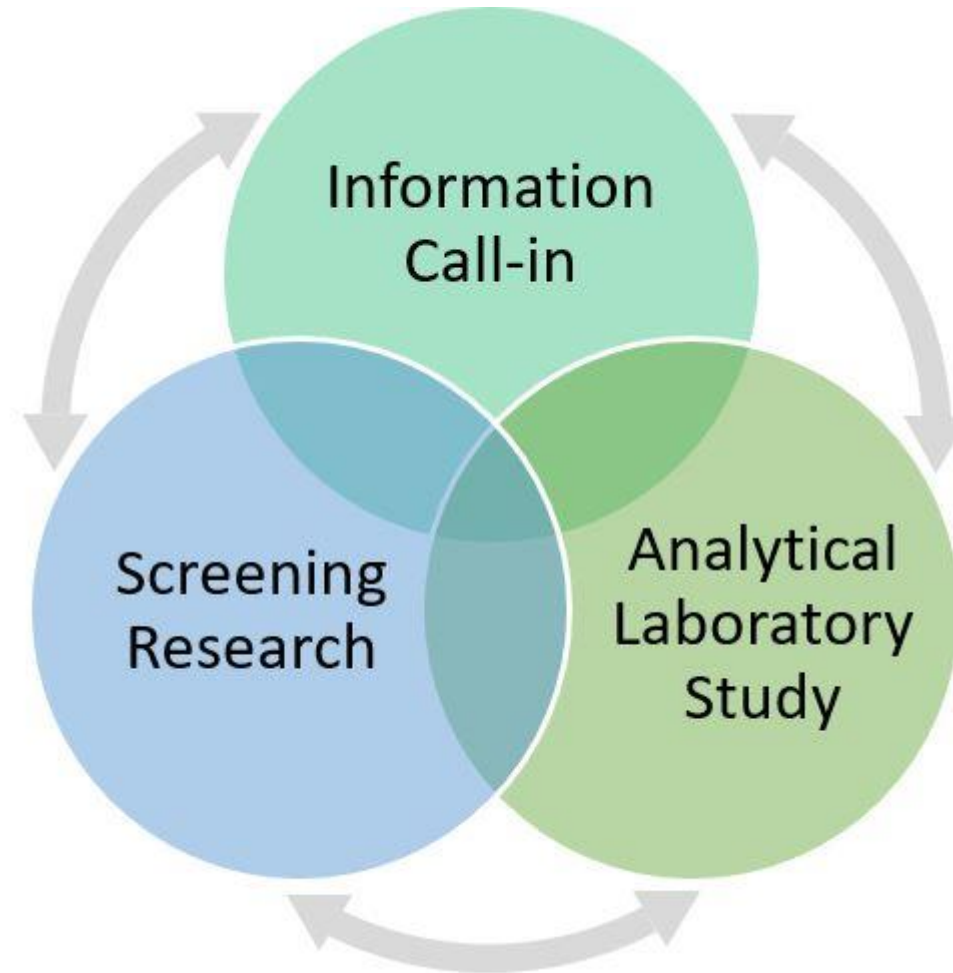


Department of Toxic Substances Control



CalEPA

Methodology



Information Call-in

California Code of Regulations, title 22, section 69501.4(b) authorizes DTSC to **request information** that it determines necessary to implement the regulations **from product or chemical manufacturers, importers, assemblers, or retailers via an information call-in**



Response Status List (RSL)

- **Response Status List (RSL)** is a list of responsible information call-in stakeholders
- RSL includes company name and its response status
- There are three possible response statuses for RSL
 - Response with information provided
 - Response with information unavailable
 - No response

California Code of Regulations, title 22, section 69501.4(c)









Information Call-in Preparation

- Trade secret and CBI* policy development
- Meetings with trade associations
- CalSAFER information call-in module development
- Deliverables

*CBI: confidential business information



Deliverables

 <p>Scope</p>	 <p>Stakeholder List</p>	 <p>Stakeholder Questions</p>
 <p>CalSAFER Site</p>	 <p>CalSAFER User Guide</p>	 <p>Stakeholder Notification Letter</p>



DTSC's Nail Products Information Call-in

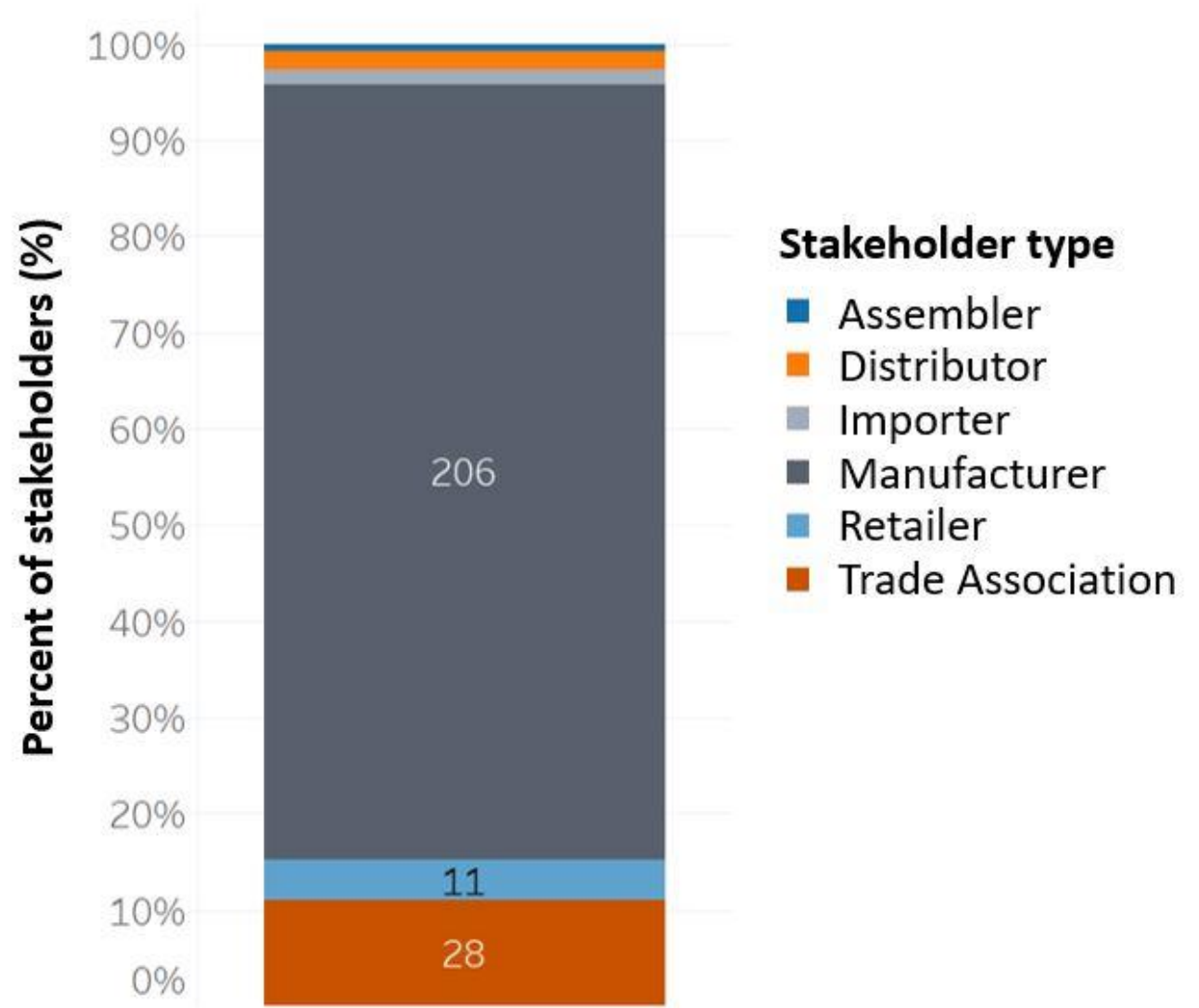
- Initiated on September 18, 2020 and closed on May 30, 2021
- Information call-in goals
 - Fill in data gaps
 - Reduce research time
 - Identify potential Priority Products
 - Identify and analyze potential alternatives

[DTSC's Nail Products Information Call-in](#)



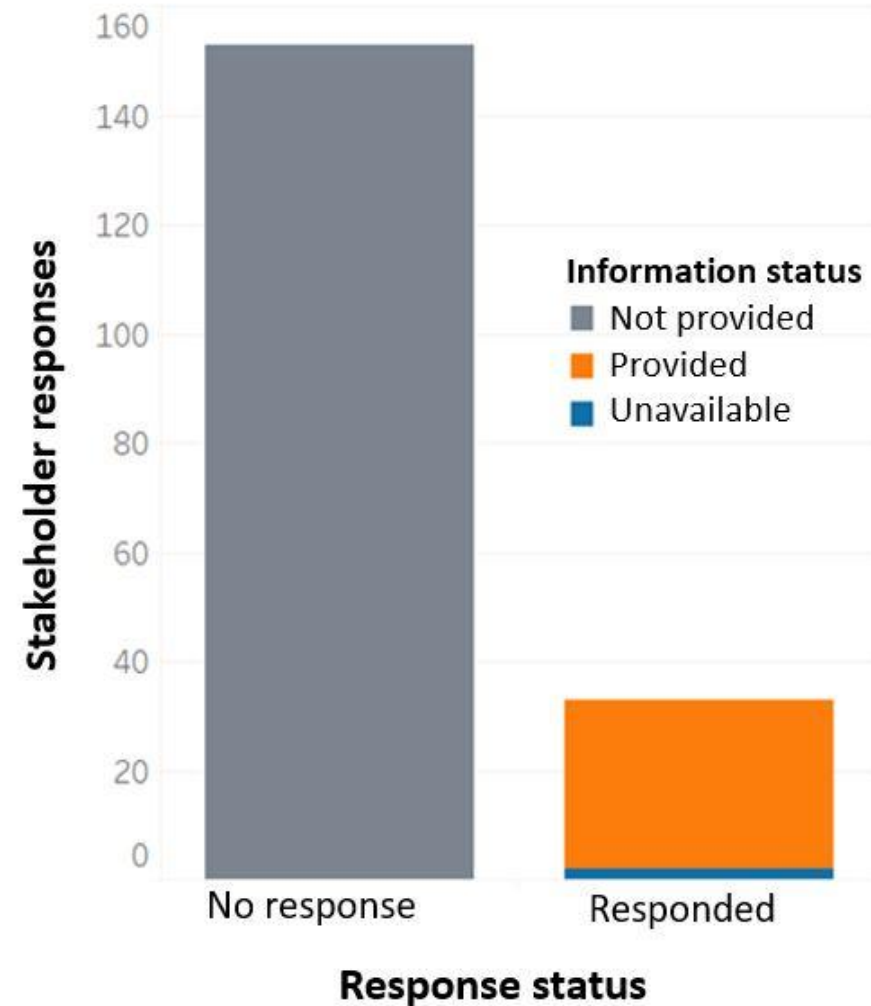
Stakeholder Distribution

- Contacted 256 nail product stakeholders
- Trade associations are excluded from RSL
- 42 additional stakeholders are excluded from RSL
- 186 stakeholders are published on RSL



Response Rate

- 186 stakeholders are published on RSL
- 153 stakeholders (82.3%) did **not** respond
- 33 stakeholders (17.7%) responded
- 31 stakeholders provided information



[Response Status List for Nail Products Information Call-in](#)



SCP Partner Recognition List (PRL)

Recognize entities that have voluntarily provided information to DTSC

- [SCP PRL](#)
- [Nail products information call-in PRL](#)

California Code of Regulations, title 22, section 69501.4(d)



Definitions for Information Call-in Data

- **Formulation** contains common ingredients reported for a particular product type (e.g., nail polish)
- **Product** contains common ingredients of a formulation for a particular product type and additional ingredients (e.g., colorants) that make up the unique product

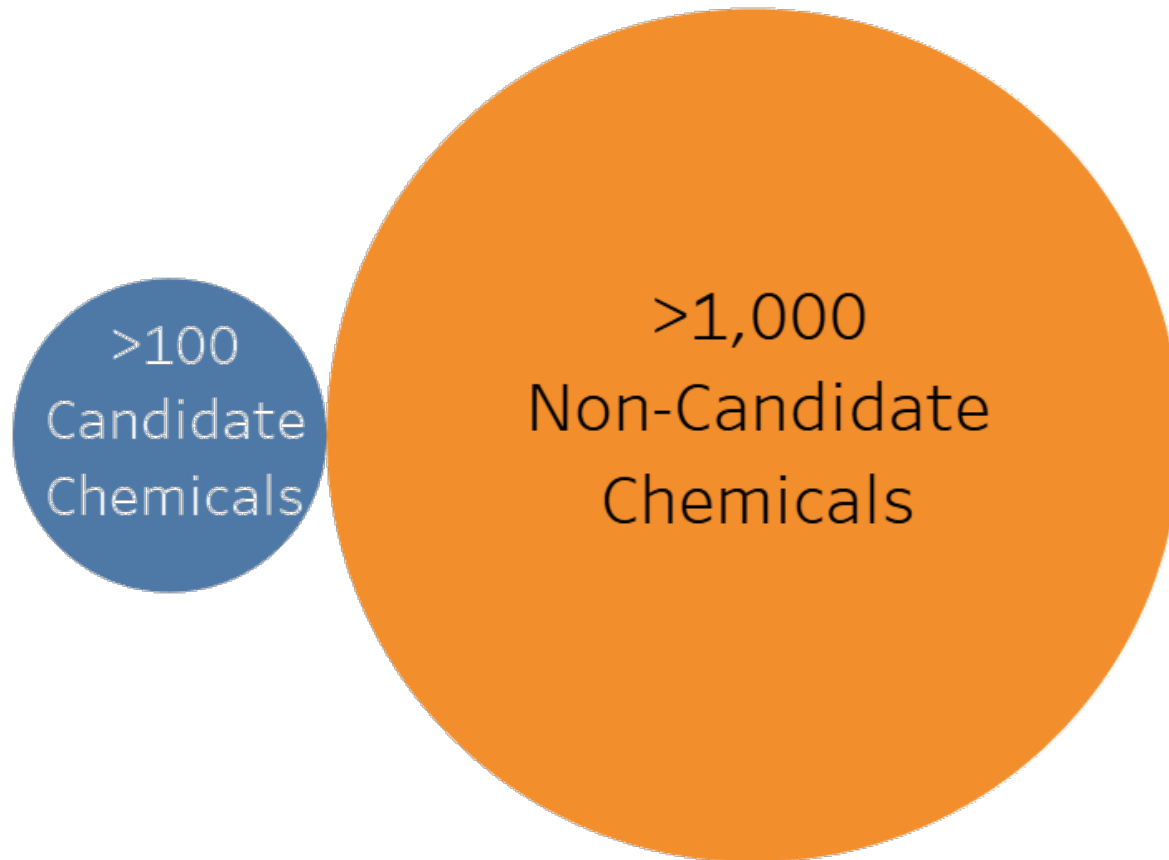


Caveats for Information Call-in Data

- Partial product data received
 - Product numbers are estimates
- Ingredients reported as “may contain”, contaminants, residuals, or impurities
 - Product numbers are estimates for some Candidate Chemicals
- Chemicals reported with multiple concentration ranges
 - DTSC used the upper concentration range
- Data formatting and cleaning
 - Non-uniform reporting, missing data, and duplicate entries



Candidate Chemicals (CCs) vs. Non-Candidate Chemicals



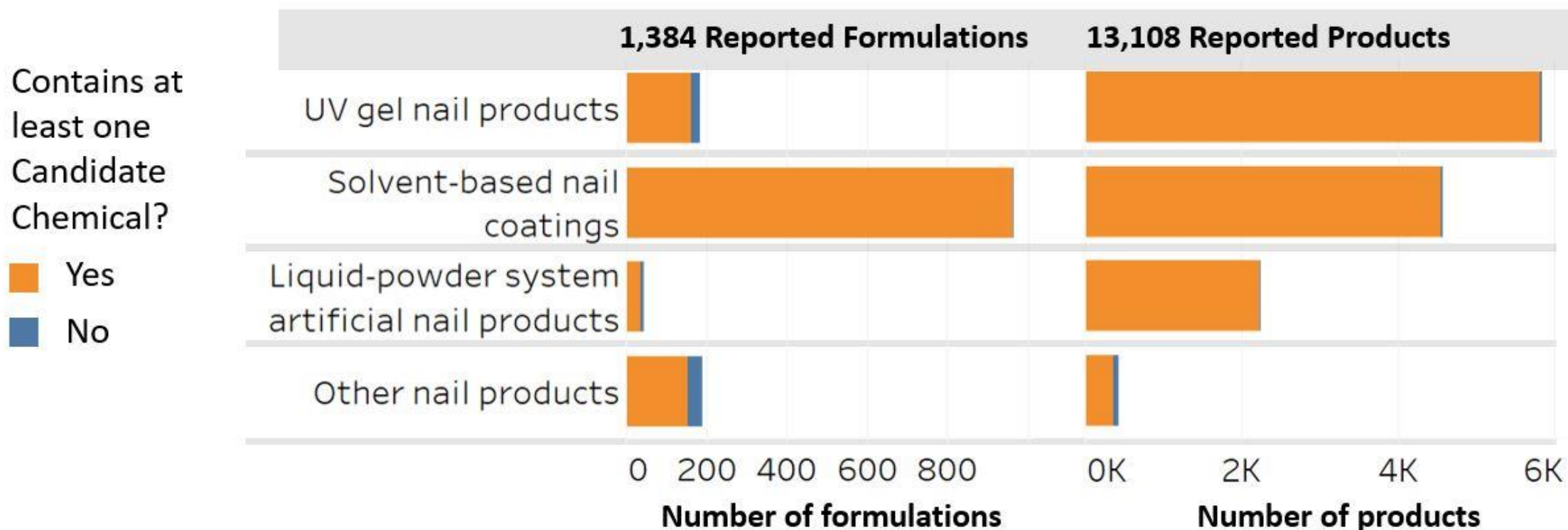
- >1,000 chemicals reported
- >10% are Candidate Chemicals (CCs)
- ~45% of companies reported **at least one** CC in all their formulations and products

[DTSC's Candidate Chemical \(CC\) Database](#)



Reported Formulations and Products

- Over 95% of reported formulations contained **at least one** Candidate Chemical
- Over 98% of reported products contained **at least one** Candidate Chemical



Toluene

(Proposed Priority Product)



- Reported by 4 companies in 183 products
- Residual or contaminant up to 0.1%
- Solvent
 - Top coat: 10-25%
 - Thinners: 5-10%



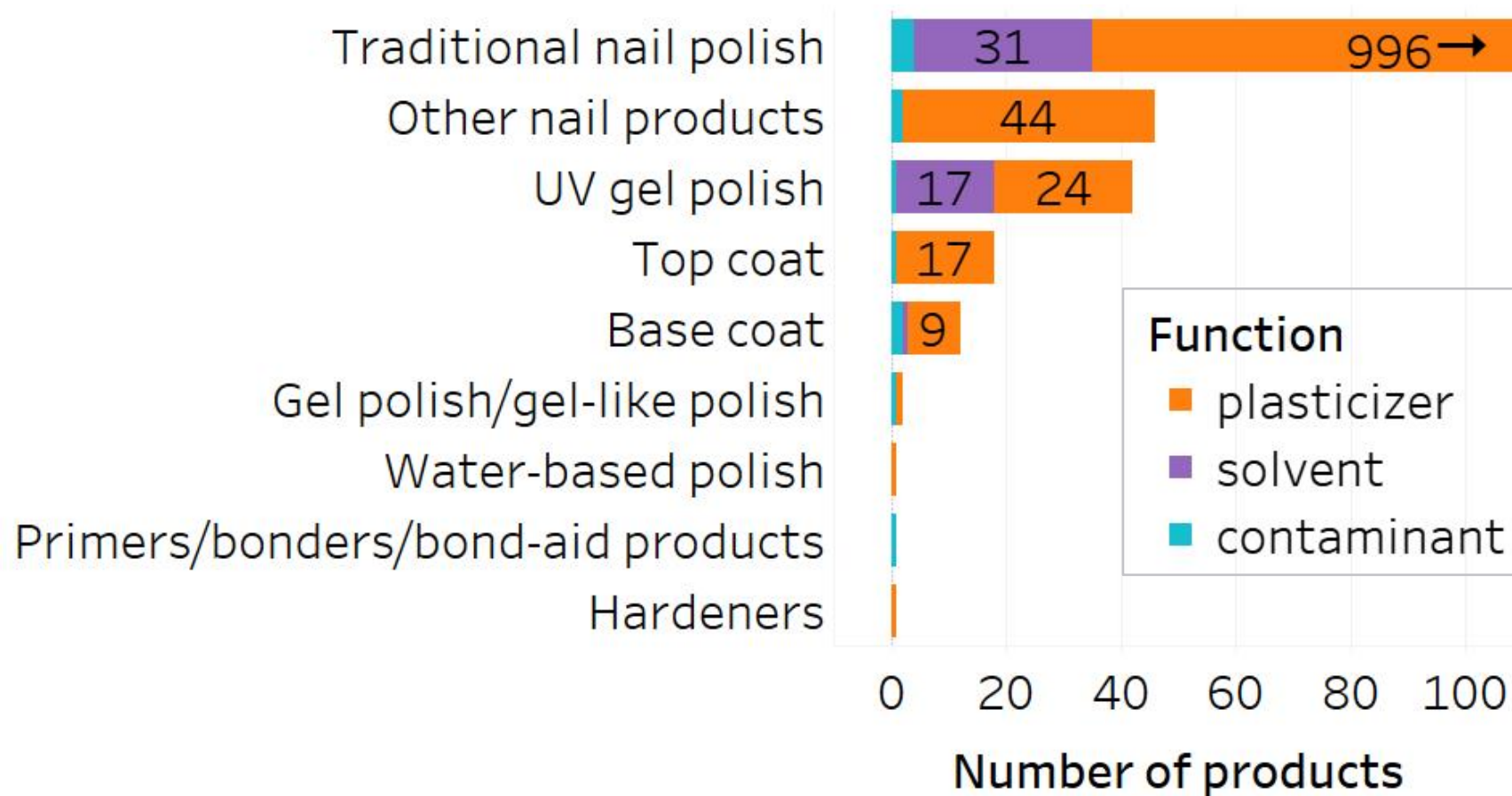
Methyl Methacrylate (MMA) (Proposed Priority Product)

Reported by 4 companies in 5 products

Product type	Concentration range	Function
acrylic liquid monomer (2 products)	75% — 100%	binder/adhesive
acrylic powder (2 products)	up to 0.1%	residual
traditional nail polish (1 product)	up to 0.1%	not reported



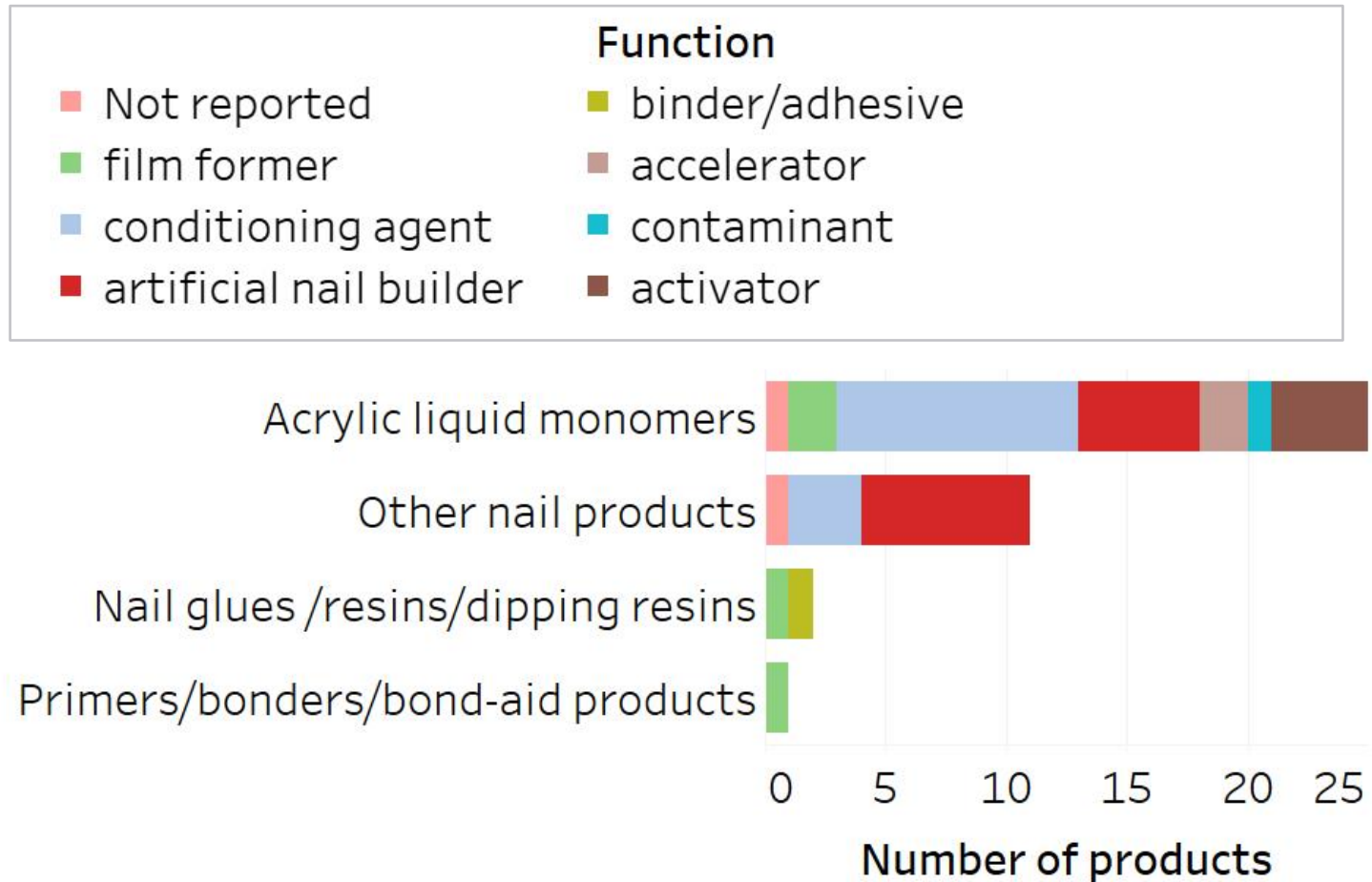
Triphenyl Phosphate (TPhP)



- Reported by 10 companies in 1,154 products
- Plasticizer up to 10%
- Solvent up to 10%



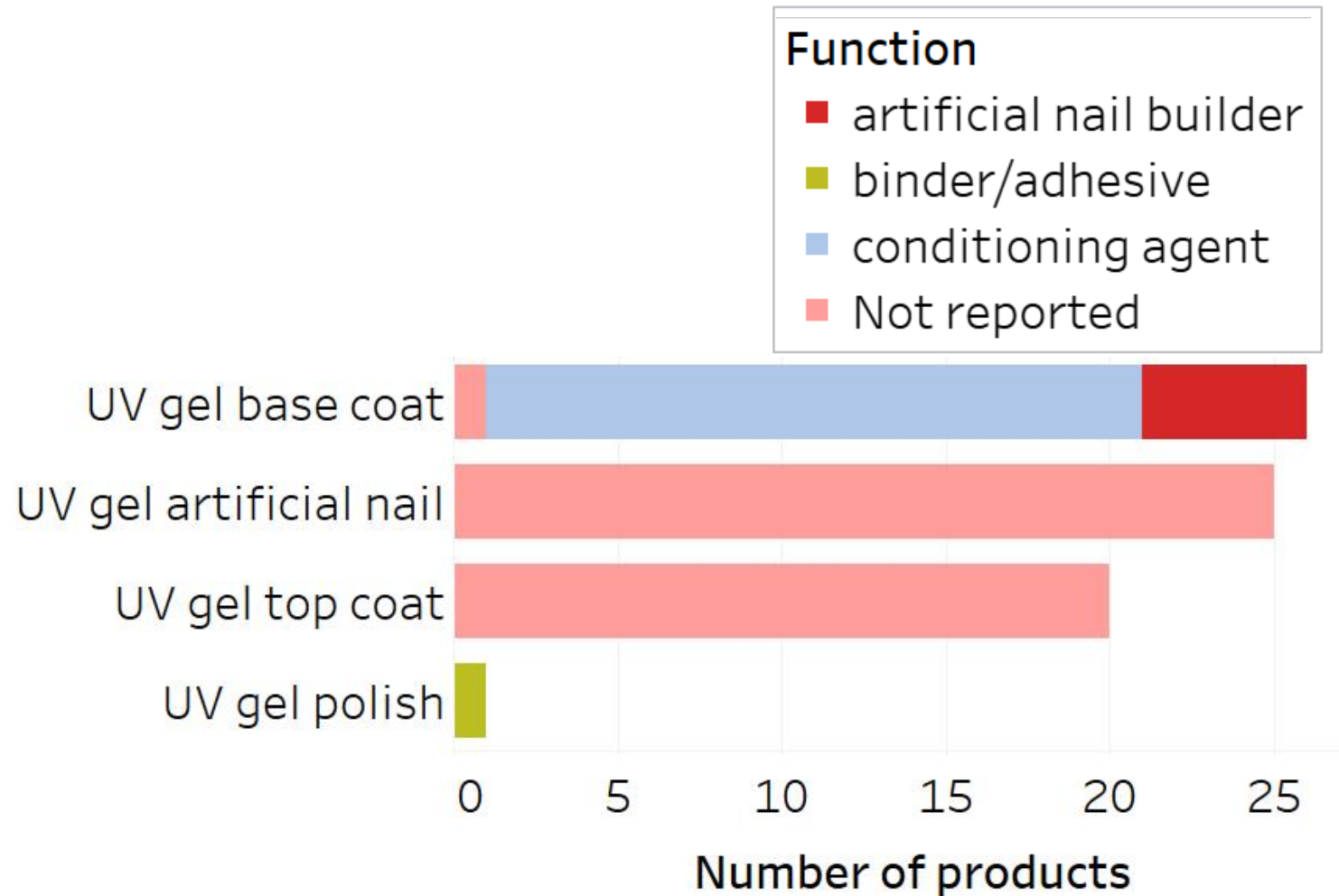
N,N-Dimethyl-p-toluidine (DMPT)



- Reported by 10 companies in 39 products
- Conditioning agent 0.5-1%
- Artificial nail builder 0.1-5%



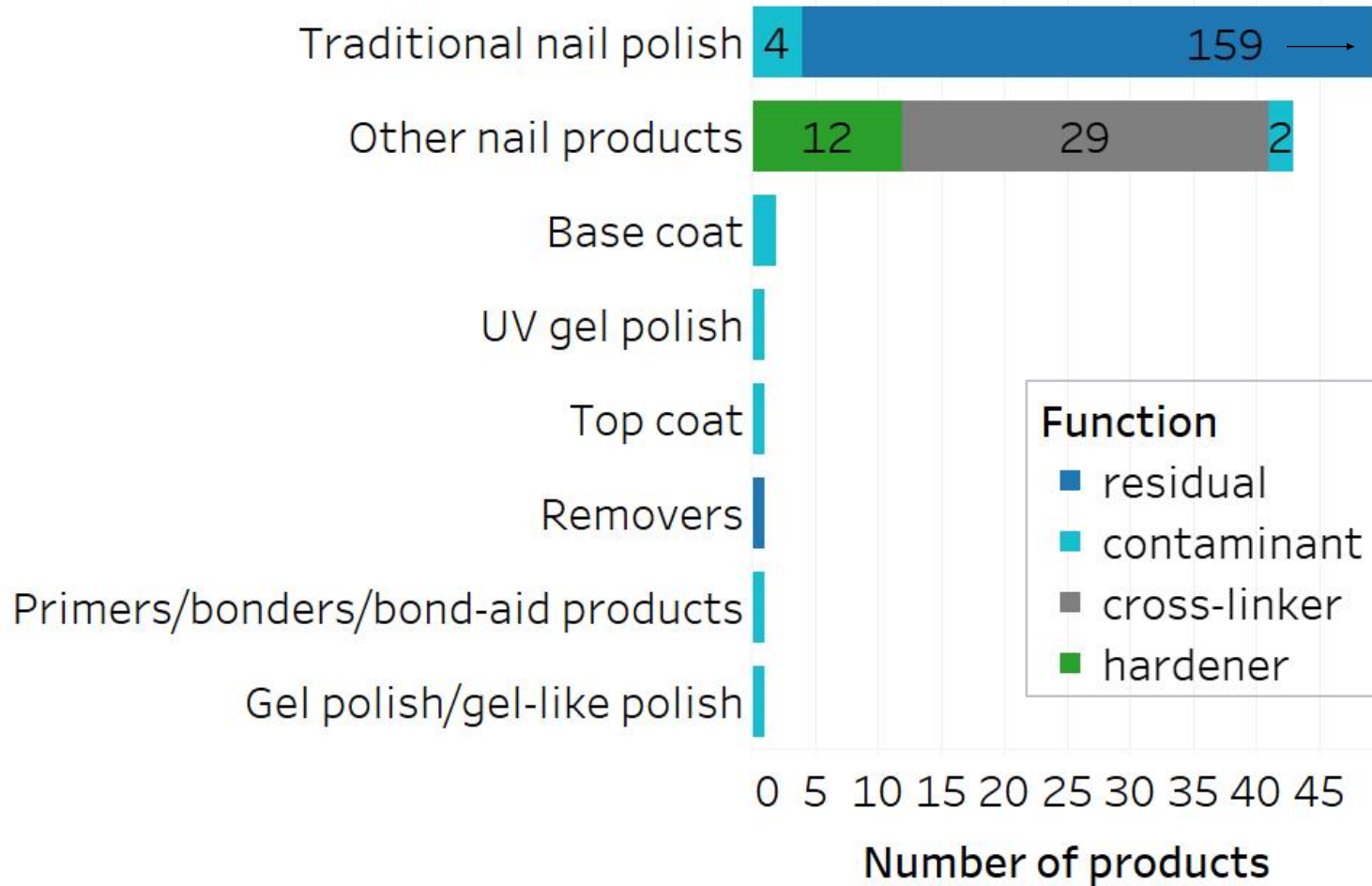
Acrylic Acid



- Reported by 5 companies in 72 UV gel nail products
- Conditioning agent 10-25%
- Artificial nail builder 0.5-5%



Formaldehyde



- Reported by 4 companies in 213 products
- Residual or contaminant up to 0.1%
- Cross-linker 1-5%
- Hardener 1-5%



Next Steps - Information Call-in

- Further evaluate information call-in data
- Compare findings with DTSC's analytical lab study
- Publish findings in a technical report



Team Acknowledgements

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- Dennis Guo




Contact Information

- Technical questions: Dicle.Yardimci@dtsc.ca.gov
- General questions: SaferConsumerProducts@dtsc.ca.gov
- Meeting requests: Heather.Kessler@dtsc.ca.gov
- Join our E-list to get updates: bit.ly/scpupdates
- Submit comments: calsafer.dtsc.ca.gov



Questions & Answers



- Click **Raise Hand** 🖐️ in the webinar controls **to ask your question** directly
- Click  at the bottom of your screen **to type in your question**
- From the phone, press ***9** to raise your hand and ***6** to unmute
- Please ask only **one (1) question** at a time

