

# toxicdocs\_\_\_INDEX

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## ToxicDocs 'Frawley' set — local copy (251 documents)

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Downloaded from toxicdocs.org /api/search?q=Frawley. Filenames sort by relevance: 1yes = confirmed John P. Frawley (Hercules); 2likely; 3unclear; 4no. Each .pdf has a .txt sidecar (pdftotext). ourFrawley/context from the OCR-snippet triage.

### 1yes (59)

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- 1yes\_\_1949\_\_Ford\_\_Asbestos\_\_6b2ZKMX5Vb4VqX4D3MdDKgnDo.pdf — 1949 Ford / Asbestos — Journal index crediting Frawley with paper on cortisone/ACTH therapy in chronic beryllium poisoning (toxicology/occupational medicine)
- 1yes\_\_1958\_\_ManufacturingC\_\_na\_\_QJvopr0rmVw9Gzd2bx7DY4wbL.pdf — 1958 Manufacturing Chemists Association / — Frawley of Hercules Powder Company, Inc. in 1958 MCA document — explicitly the Hercules toxicologist
- 1yes\_\_1959\_\_Chrysler\_\_Asbestos\_\_2RbnZ93L0wDDqy0EkRoKY0JD5.pdf — 1959 Chrysler / Asbestos — explicitly names 'Frawley, John P., Ph.D.' - direct identification of the toxicologist
- 1yes\_\_1959\_\_DuPont\_\_Asbestos\_\_2qJM8j5xEG9ELYzKvNQ8LmYGp.pdf — 1959 DuPont / Asbestos — Explicit 'Frawley, John P., Ph.D.' at Public Health Service Cincinnati (1959) — the toxicologist himself
- 1yes\_\_1959\_\_HerculesChemic\_\_Asbestos\_\_1e199byo8YaD6LEq31oM5YNo.pdf — 1959 Hercules Chemical / Asbestos — Explicitly "Frawley, John P., Ph.D." in a Hercules Chemical document (Castleman Papers) - direct identity match; near-duplicate of prior doc
- 1yes\_\_1959\_\_HerculesChemic\_\_Asbestos\_\_rBL5REBj7gGaX2wRz3bdd3VXG.pdf — 1959 Hercules Chemical / Asbestos — Explicitly "Frawley, John P., Ph.D." listed in a Hercules Chemical document (Castleman Papers) - direct identity match
- 1yes\_\_1965\_\_na\_\_Dioxin\_\_XRqYoX0mvYxZNM88K8VJ8qr3w.pdf — 1965 / Dioxin — Citation 'FRAWLEY, J.P.' in a dioxin/2,4,5-T document — explicitly John P. Frawley as cited author
- 1yes\_\_1966\_\_AlliedSignal\_\_PolyvinylC\_\_0orpG2Q7wg0jqbqzVg90VNr0.pdf — 1966 Allied Signal / Polyvinyl Chloride — Frawley of Hercules Inc., Wilmington DE, writing on Food Additives Amendment — explicitly the Hercules chief toxicologist
- 1yes\_\_1966\_\_AlliedSignal\_\_PolyvinylC\_\_7MKDxa4RRVLVKY0JwaX0jRkDg.pdf — 1966 Allied Signal / Polyvinyl Chloride — 'Jack Frawley, also of Hercules'

addressing BIBRA London = John P. Frawley toxicologist

- [1yes\\_\\_1966\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_QXL3MZDJYREBr5ExJKm4RkVY5.pdf](#)  
— 1966 Allied Signal / Polyvinyl Chloride — Frawley of Hercules on indirect food additives
- [1yes\\_\\_1966\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_gbpqpMp6bbNmyBBKZ8QGypwzJ.pdf](#)  
— 1966 Allied Signal / Polyvinyl Chloride — Frawley of Hercules Powder as industry adviser at Codex Pesticide Residues committee
- [1yes\\_\\_1966\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_zdMLyLZa69VDp49kYN7M07ZzR.pdf](#)  
— 1966 Allied Signal / Polyvinyl Chloride — The "Frawley hypothesis" on food-contact safety thresholds, presented at ACS, debated with FDA
- [1yes\\_\\_1966\\_\\_Ethyl\\_\\_PolyvinylC\\_\\_3eM2j552poqLDXZVjKQaVgMBJ.pdf](#) —  
1966 Ethyl / Polyvinyl Chloride — Frawley's 0.2%-by-weight GRAS conclusion for food-packaging coatings — his signature de minimis tox doctrine
- [1yes\\_\\_1967\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_3NeeR4XZZJgQL0ggyEw608ev3.pdf](#)  
— 1967 Allied Signal / Polyvinyl Chloride — References Frawley's American Chemical Society paper on food-packaging safety = John P. Frawley
- [1yes\\_\\_1967\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_3eXr4j4v2kRJNE8Rbx92RYJvJ.pdf](#)  
— 1967 Allied Signal / Polyvinyl Chloride — Frawley authored/presented ACS paper on food-additive toxicology
- [1yes\\_\\_1967\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_aBoa13DmdgQ8412x0pe2Mp4xR.pdf](#)  
— 1967 Allied Signal / Polyvinyl Chloride — Frawley listed as consultant (Dr.) in food-additive doc
- [1yes\\_\\_1967\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_pZpLVm8Ny0Max0x9ZNRjwMMD.pdf](#)  
— 1967 Allied Signal / Polyvinyl Chloride — Frawley presenting food/toxicology paper at ACS and BIBRA, published in Food and Cosmetics Toxicology
- [1yes\\_\\_1967\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_qdozKJ6eo97xdV61mGgZGz8BE.pdf](#)  
— 1967 Allied Signal / Polyvinyl Chloride — Frawley of Hercules speaking on food-packaging safety = John P. Frawley
- [1yes\\_\\_1967\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_rpzDpzBkezeEzWpDMgG6Rgwa.pdf](#)  
— 1967 Allied Signal / Polyvinyl Chloride — cites Frawley's paper 'Toxicological Evaluation of Migratory Food Additives'
- [1yes\\_\\_1967\\_\\_Monsanto\\_\\_PolyvinylC\\_\\_Ne9DgGn7X2z0GbdqVMaYb7Z7R.pdf](#) —  
1967 Monsanto / Polyvinyl Chloride — Address/speech by Frawley of Hercules Inc. (Wilmington DE) on safety of food-packaging materials = John P. Frawley toxicologist
- [1yes\\_\\_1968\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_Kza60dbJNXoEMZbe1v7QM7VxK.pdf](#)  
— 1968 Allied Signal / Polyvinyl Chloride — negotiates FDA de minimis toxicological thresholds for food additives
- [1yes\\_\\_1968\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_jg5a35VnLwJy6eEKm0dm6amv2.pdf](#)  
— 1968 Allied Signal / Polyvinyl Chloride — references the Frawley food-additive proposal
- [1yes\\_\\_1968\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_nka82JKVvGb1jGvMq7NMNwyn6.pdf](#)  
— 1968 Allied Signal / Polyvinyl Chloride — Frawley's 0.2% de minimis indirect-food-additive FDA exemption proposal
- [1yes\\_\\_1968\\_\\_BFGoodrich\\_\\_PolyvinylC\\_\\_GKXgDwbDEn2j0e3QavejQbe1v.pdf](#)  
— 1968 BF Goodrich / Polyvinyl Chloride — The "Frawley concept"/approach and FDA regulatory thinking on food additives (de minimis)

- [1yes\\_\\_1969\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_1gK5pMrrZXNRK78ZYJ21Mmg4j.pdf](#)  
— 1969 Allied Signal / Polyvinyl Chloride — Jack Frawley advocating against over-regulation of toxicologically insignificant food additives (de minimis)
- [1yes\\_\\_1969\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_GL6YZrNxVDe26qNB9bE0rK0q.pdf](#)  
— 1969 Allied Signal / Polyvinyl Chloride — 'John Frawley' and his 0.2%-by-weight food-packaging exemption doctrine - direct match
- [1yes\\_\\_1969\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_e7RBLqa3kqJ7qa9LRJaXwreqp.pdf](#)  
— 1969 Allied Signal / Polyvinyl Chloride — the 'Frawley proposal' = 0.2% de minimis indirect food additives exemption
- [1yes\\_\\_1969\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_oea1Zq1MeNRb3BV7v094jw047.pdf](#)  
— 1969 Allied Signal / Polyvinyl Chloride — duplicate of prior: 'Frawley proposal' 0.2% de minimis food-additive exemption
- [1yes\\_\\_1969\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_vBXrqvv6Z7jbEN238kXxmm10R.pdf](#)  
— 1969 Allied Signal / Polyvinyl Chloride — Frawley explicitly affiliated with Hercules, Inc. in an industry committee roster
- [1yes\\_\\_1969\\_\\_Monsanto\\_\\_PCBs\\_\\_3N1Kb4jpEadxRB1z5qwD86pgD.pdf](#) — 1969 Monsanto / PCBs — confidential preprint of the PCB hepatic microsomal enzyme paper co-authored by J.P. Frawley (Hercules); Frawley is a co-author
- [1yes\\_\\_1969\\_\\_Monsanto\\_\\_PCBs\\_\\_3NnojR0m4QLNg54jMGkMeeLaJ.pdf](#) — 1969 Monsanto / PCBs — PCB hepatic microsomal enzyme induction preprint co-authored by J.P. Frawley (Hercules); Frawley is a co-author (not in this trimmed snippet)
- [1yes\\_\\_1969\\_\\_Monsanto\\_\\_PCBs\\_\\_MpyJYyxN5ZrKe9ZDx3Rp3avV.pdf](#) — 1969 Monsanto / PCBs — PCB hepatic microsomal enzyme induction paper co-authored by J.P. Frawley (Hercules); Frawley is a co-author (not in trimmed snippet)
- [1yes\\_\\_1969\\_\\_Monsanto\\_\\_PCBs\\_\\_NGvK7dVzz1v7mveJd1BZaKjYV.pdf](#) — 1969 Monsanto / PCBs — another copy of the PCB hepatic microsomal enzyme paper co-authored by J.P. Frawley (Hercules); Frawley is a co-author
- [1yes\\_\\_1969\\_\\_Monsanto\\_\\_PolyvinylC\\_\\_mBdEyxRj8YLgepm5xgNkmjEd.pdf](#) — 1969 Monsanto / Polyvinyl Chloride — Frawley explicitly named chief toxicologist of Hercules; food-packaging de minimis proposal
- [1yes\\_\\_1969\\_\\_Monsanto\\_\\_PolyvinylC\\_\\_ppoKyrmrZRKaQvVMM6V657EgE.pdf](#) — 1969 Monsanto / Polyvinyl Chloride — explicitly 'Frawley (chief toxicologist, Hercules)' and his 0.1 ppm de minimis food-packaging proposal
- [1yes\\_\\_1970\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_91g0D22odG9opZn46JeabeXJ3.pdf](#)  
— 1970 Allied Signal / Polyvinyl Chloride — explicit: Jack Frawley, Chief Toxicologist, Hercules Inc = John P. Frawley
- [1yes\\_\\_1970\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_9J3Rp8w2jkbxE5B8Nx8aq1KN6.pdf](#)  
— 1970 Allied Signal / Polyvinyl Chloride — 'Jack' Frawley circulates revised food-additive draft (Jack = John P. Frawley)
- [1yes\\_\\_1970\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_aD6ez090MjZkZ061E1Bo5ZZxe.pdf](#)  
— 1970 Allied Signal / Polyvinyl Chloride — Frawley, Ph.D. (John P. Frawley held a PhD in toxicology)
- [1yes\\_\\_1970\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_emq11bzZxVvVYG1bg50pVb1Yq.pdf](#)  
— 1970 Allied Signal / Polyvinyl Chloride — explicitly 'Jack Frawley, Hercules' = John P. Frawley, Hercules chief toxicologist
- [1yes\\_\\_1970\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_gadKqE4QXjnV32xK6n0L39Y0N.pdf](#)  
— 1970 Allied Signal / Polyvinyl Chloride — 'Frawley, Ph.D.' in PVC food-

packaging doc = John P. Frawley, the Hercules toxicologist (PhD)

- [1yes\\_\\_1970\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_kmLZBqMwzJvV8jrdRDdEVZZ0b.pdf](#)  
— 1970 Allied Signal / Polyvinyl Chloride — Jack Frawley at Hercules developing the famed "Frawley proposal"
- [1yes\\_\\_1970\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_oeEr8DJ76E7wy0oNjXEojknJr.pdf](#)  
— 1970 Allied Signal / Polyvinyl Chloride — Attendee/distribution list listing 'Jack Frawley (Hercules)' = John P. Frawley, Hercules toxicologist
- [1yes\\_\\_1970\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_p4DY04oR26VjN0LggRODzJ67.pdf](#)  
— 1970 Allied Signal / Polyvinyl Chloride — 'Frawley - Hercules' = John P. Frawley of Hercules
- [1yes\\_\\_1971\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_JJqD7vJ1d0LdKeQaKREqZw3G2.pdf](#)  
— 1971 Allied Signal / Polyvinyl Chloride — Three-man FDA negotiating committee; 'Jack Frawley' = Hercules toxicologist John P. Frawley
- [1yes\\_\\_1971\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_QJ6EzRRyJV0KE97mrYz7Mexo.pdf](#)  
— 1971 Allied Signal / Polyvinyl Chloride — Jack Frawley of Hercules originating the "Frawley Proposal" (food-packaging de minimis)
- [1yes\\_\\_1971\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_jB43bkmkNaVXg0aDy9djX34Xy.pdf](#)  
— 1971 Allied Signal / Polyvinyl Chloride — FDA food-packaging petition drafting; 'Jack Frawley' = John P. (Jack) Frawley of Hercules
- [1yes\\_\\_1971\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_oDD9Mq0pwL5bDLbRokkKv1d6o.pdf](#)  
— 1971 Allied Signal / Polyvinyl Chloride — Frawley leads industry delegation to FDA on food packaging — fits Hercules toxicologist / de minimis food-packaging role
- [1yes\\_\\_1972\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_DGyyXDjBvmzy3opDmrnvymNqN.pdf](#)  
— 1972 Allied Signal / Polyvinyl Chloride — the 'Frawley doctrine' on de minimis migration of food-packaging additives below a toxicological threshold
- [1yes\\_\\_1972\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_Va6X0gaDryZJw0xJ8mvVxYZK.pdf](#)  
— 1972 Allied Signal / Polyvinyl Chloride — Delaney Clause memo developed with 'Jack Frawley's' help = John P. Frawley toxicologist (de minimis/food-safety)
- [1yes\\_\\_1972\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_reG72650XJQg0n5Yk9rBVgzWE.pdf](#)  
— 1972 Allied Signal / Polyvinyl Chloride — Jack Frawley of Hercules advising MCA on food/chemical legislation
- [1yes\\_\\_1973\\_\\_None\\_\\_Lead\\_\\_ZnGv8B8agRxQyBwbwx5x327w7.pdf](#) — 1973 None / Lead — Explicitly names Frawley as Chief Toxicologist of Hercules Inc., Wilmington DE, serving as project monitor — unambiguously John P. Frawley
- [1yes\\_\\_None\\_\\_BFGoodrich\\_\\_PolyvinylC\\_\\_99R8Eq7q6e986Edz4QyZ0k0rL.pdf](#)  
— None BF Goodrich / Polyvinyl Chloride — the 'Frawley limiting value' - his de minimis food-packaging migration threshold concept
- [1yes\\_\\_xxxx\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_2Jjdp61DVng6gwdJ4opK7Njrp.pdf](#)  
— Allied Signal / Polyvinyl Chloride — 'Dr. Frawley' in PVC food-packaging doc; Allied/Hercules tox milieu = John P. Frawley
- [1yes\\_\\_xxxx\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_B5v15e2Jr1nEJkx6n9zR4a7qX.pdf](#)  
— Allied Signal / Polyvinyl Chloride — the Frawley proposal on indirect food additives
- [1yes\\_\\_xxxx\\_\\_AlliedSignal\\_\\_PolyvinylC\\_\\_JNXXXKBMxRqDw0Z7YKRg5KxkX.pdf](#)  
— Allied Signal / Polyvinyl Chloride — Comparing FDA proposal to 'Jack Frawley's idea' on food-packaging regulation = John P. Frawley

- 1yes\_\_xxxx\_\_AlliedSignal\_\_PolyvinylC\_\_wjga43zZ8kE8x4B61Zv0DoqD.pdf — Allied Signal / Polyvinyl Chloride — Direct identification 'Frawley, Hercules, Inc.' = John P. Frawley, Hercules chief toxicologist
- 1yes\_\_xxxx\_\_Ford\_\_Asbestos\_\_Z4MJr93nY4NdMvjrm4QMevgGZ.pdf — Ford / Asbestos — Journal index crediting Frawley with beryllium/cortisone toxicology paper
- 1yes\_\_xxxx\_\_Monsanto\_\_PCBs\_\_702QvRv0z6p3y7wNNAg5gn0aR.pdf — Monsanto / PCBs — supplies confidential FDA/Pydraul-Cellulube functional-fluid tox data; called Dr. Frawley
- 1yes\_\_xxxx\_\_na\_\_Lead\_\_mqGQrM5Zyqxpr6E3nM8MKR9VZ.pdf — / Lead — Explicit 'Frawley Hercules, Inc.' — John P. Frawley as Hercules chief toxicologist

## 2likely (88)

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- 2likely\_\_1909\_\_AlliedSignal\_\_PolyvinylC\_\_Dz5LvVENq0QnMx34b7X1K66B.pdf — 1909 Allied Signal / Polyvinyl Chloride — reference to 'Frawley's proposal' in PVC food-packaging file (year 1909 is an OCR/metadata error); likely the de minimis migration proposal
- 2likely\_\_1946\_\_Ford\_\_Asbestos\_\_07w1paBkdwMMrQwDb7zzX16Q.pdf — 1946 Ford / Asbestos — Clinical/medical discussion of ACTH and tuberculosis; John P. Frawley published on cortisone/ACTH in beryllium poisoning at this time
- 2likely\_\_1951\_\_OwensIllinoisC\_\_Asbestos\_\_Kzz0Qb87648Mg9zJoBKNvrmZK.pdf — 1951 Owens Illinois (Castleman Papers) / Asbestos — 1951 Archives of Industrial Hygiene & Occupational Medicine asbestosis article; Frawley (FDA Div. of Pharmacology in this era) plausibly an editorial-board member or cited author; not confirmed
- 2likely\_\_1958\_\_AlliedSignal\_\_PolyvinylC\_\_X7nY0av9Xa4NdMN0vnn0JwN2g.pdf — 1958 Allied Signal / Polyvinyl Chloride — Paper on regulatory control of plastic food-packaging; matched 'Frawley' elsewhere in doc, fits the food-packaging tox milieu
- 2likely\_\_1959\_\_GeneralElectri\_\_Asbestos\_\_oD7r4DZRwKYgvrQX0Vg0XqyM3.pdf — 1959 General Electric / Asbestos — 1959 AIHA membership directory; Frawley plausibly listed as a member — industrial-hygiene/tox era fits, name not in window
- 2likely\_\_1961\_\_AmericanPetrol\_\_Asbestos\_\_evXzZLzw1mwMj6XE2K9Mm2mw4.pdf — 1961 American Petroleum Institute / Asbestos — 1961 API Medical Advisory Committee 31st meeting minutes; Frawley likely an attendee/member — industrial tox/medical context fits, name not in window
- 2likely\_\_1961\_\_Dow\_\_Asbestos\_\_2jb172E4Zx759K7RkV0XwnxzR.pdf — 1961 Dow / Asbestos — Society of Toxicology history 1961-1986; Frawley plausibly mentioned as a SOT figure — toxicology context
- 2likely\_\_1961\_\_Dow\_\_PolyvinylC\_\_owvZXb2dXeXv166BEa5oQevX.pdf — 1961 Dow / Polyvinyl Chloride — Dow bio-medical research bibliographic index card; Frawley likely appears as a cited author in tox literature index, but snippet does not show it
- 2likely\_\_1962\_\_AlliedSignal\_\_PolyvinylC\_\_916Q7B7NqNyGwY19m6jM2YdEq.pdf — 1962 Allied Signal / Polyvinyl Chloride — Law-firm letterhead

(Keller/Heckman SPI counsel); matched 'Frawley' not in OCR snippet but doc is the PVC food-packaging legal milieu

- 2likely\_\_1962\_\_AmericanIndust\_\_Asbestos\_\_qdjdkD6qqBdMgzakqYeJ1p8Zj.pdf — 1962 American Industrial Hygiene Association / Asbestos — 1962 American Academy of Industrial Hygiene roster; Frawley plausibly a listed member — tox/IH era fits, name not in window
- 2likely\_\_1962\_\_CastlemanPaper\_\_Asbestos\_\_g2pDBNwajj031RDBaJg2xY0pG.pdf — 1962 (Castleman Papers collection) / Asbestos — Castleman 1962 medical journal article on environmental/occupational cancer hazards; Frawley plausibly a cited author but snippet does not confirm
- 2likely\_\_1965\_\_AlliedSignal\_\_PolyvinylC\_\_91YVeoo3DZMroV4nZRgb0j8Nq.pdf — 1965 Allied Signal / Polyvinyl Chloride — signature/attribution line 'Frawley (For J.' in PVC food-packaging file; short but consistent with J.P. Frawley
- 2likely\_\_1965\_\_Monsanto\_\_PCBs\_\_w0mn63Bd0NyGLDE2njYpJ3ZB.pdf — 1965 Monsanto / PCBs — Monsanto PCB doc; Frawley interpreting Dow's toxicology findings for industry = consistent with industrial toxicologist John P. Frawley
- 2likely\_\_1966\_\_SocietyofthePl\_\_PolyvinylC\_\_2NBdw0Evz7D6BokV9zpEmojnN.pdf — 1966 Society of the Plastics Industry / Polyvinyl Chloride — 1966 SPI Food, Drug & Cosmetic Packaging Material Committee meeting — Frawley's food-packaging/de minimis domain; very likely an attendee, name not in window
- 2likely\_\_1967\_\_AlliedSignal\_\_PolyvinylC\_\_B6m475E2b8vmEYx0b5v0R1e4.pdf — 1967 Allied Signal / Polyvinyl Chloride — bare possessive in PVC food-additive cluster; fits Frawley
- 2likely\_\_1967\_\_AlliedSignal\_\_PolyvinylC\_\_DXaG0MXnnVzDykr05mKpr9B.pdf — 1967 Allied Signal / Polyvinyl Chloride — PVC food-packaging doc crediting Frawley's proposal; same Allied/SPI tox context
- 2likely\_\_1967\_\_AlliedSignal\_\_PolyvinylC\_\_jynqQXNaGd0JjQ9pz0XrZB3rZ.pdf — 1967 Allied Signal / Polyvinyl Chloride — name in PVC food-additive doc set; fits Frawley cluster
- 2likely\_\_1967\_\_AlliedSignal\_\_PolyvinylC\_\_pp6eebByB0BYEXByKm2Kr6bVd.pdf — 1967 Allied Signal / Polyvinyl Chloride — SPI document; matched 'Frawley' not in OCR snippet but PVC food-packaging context where Jack Frawley (Hercules) was active
- 2likely\_\_1967\_\_AlliedSignal\_\_PolyvinylC\_\_wgmexNd2YqzbZ6EY9GVBDNoro.pdf — 1967 Allied Signal / Polyvinyl Chloride — comments by Frawley to SPI food-packaging materials committee; chemical-industry food-packaging tox context
- 2likely\_\_1968\_\_AlliedSignal\_\_PolyvinylC\_\_4aLmvyRNEjKY4MjXxJ87BEkDV.pdf — 1968 Allied Signal / Polyvinyl Chloride — bare name in PVC food-additive doc set; too short alone but fits the Frawley food-additive correspondence cluster
- 2likely\_\_1968\_\_AlliedSignal\_\_PolyvinylC\_\_JN2yvZKDLNN5Raqqkanq0gKbX.pdf — 1968 Allied Signal / Polyvinyl Chloride — SPI Food Packaging Materials Committee agenda; Frawley not in snippet but doc is the same food-packaging tox milieu where J.P. Frawley was active

- 2likely\_1968\_AlliedSignal\_PolyvinylC\_x5DwBD0vXy3xVzQnnmapq0M0m.pdf — 1968 Allied Signal / Polyvinyl Chloride — SPI food-packaging committee correspondence; Frawley match elsewhere in doc, same food-packaging tox milieu
- 2likely\_1968\_BFGoodrich\_PolyvinylC\_00JL1kGkGoV9zB01k437ZJjx.pdf — 1968 BF Goodrich / Polyvinyl Chloride — 1968 BF Goodrich PVC litigation exhibit; opening snippet only, Frawley match elsewhere in industrial-tox context
- 2likely\_1969\_AlliedSignal\_PolyvinylC\_65Rpb0gnqJ902QDMyzRJe0D09.pdf — 1969 Allied Signal / Polyvinyl Chloride — Frawley in a name list at an Allied Signal PVC/food-additives context, but no role shown
- 2likely\_1969\_AlliedSignal\_PolyvinylC\_0zQEere8N92ynDKEx2zr6ma1L.pdf — 1969 Allied Signal / Polyvinyl Chloride — refers to attached Frawley material within PVC food-additive correspondence cluster
- 2likely\_1969\_AlliedSignal\_PolyvinylC\_q3eBQa1JENdnNydwv7x4652r5.pdf — 1969 Allied Signal / Polyvinyl Chloride — SPI food-packaging committee transcript; matched 'Frawley' not in OCR snippet but doc is the PVC/food-packaging milieu where Jack Frawley (Hercules) participated
- 2likely\_1969\_AlliedSignal\_PolyvinylC\_qL0eaxeBq4KRNj9XgMEvg0an.pdf — 1969 Allied Signal / Polyvinyl Chloride — minutes of SPI Food, Drug and Cosmetic Packaging Materials Committee; Frawley match elsewhere, food-packaging tox context
- 2likely\_1970\_AlliedSignal\_PolyvinylC\_wZazZ90bgZoDZaxyR63wk9yJ.pdf — 1970 Allied Signal / Polyvinyl Chloride — Jack Frawley named in Allied PVC/food-additives cluster
- 2likely\_1970\_LeadIndustries\_Lead\_wqeVo30pdkBrpYDB0nqY3GY6.pdf — 1970 Lead Industries Association / Lead — Frawley listed as representative at a Lead Industries Association event; lead-industry consulting fits Hercules/HEI toxicologist
- 2likely\_1970\_na\_Lead\_03qg7Yvk400RLxq4G8DR0ZjEe.pdf — 1970 / Lead — Frawley listed as representative at a Lead Industries event (dup of pg9 doc 11 context); consulting toxicologist plausible
- 2likely\_1971\_LeadIndustries\_Lead\_KJmJZqaV01m9eE246gey5zago.pdf — 1971 Lead Industries Association / Lead — Surname with initial "J." in LIA lead document; initial matches John P. but no context shown
- 2likely\_1971\_Monsanto\_PCBs\_5b9Jy9G7pnXrKQXo41yaVmqrN.pdf — 1971 Monsanto / PCBs — 1971 Monsanto PCB/DDT advisory committee report; snippet shows report header, Frawley match likely as committee member/toxicologist elsewhere in doc
- 2likely\_1971\_Monsanto\_PCBs\_B5ZmxQL8L8DLYL6VVd008nNL4.pdf — 1971 Monsanto / PCBs — 1971 Monsanto PCB / DOT Advisory Committee report; Frawley likely a committee member — PCB tox context fits, name not in window
- 2likely\_1971\_None\_Lead\_rB4BaZ97dG9J1Kq7JGp6ypRov.pdf — 1971 None / Lead — 'Frawley J.' citation-style fragment in a lead document; 'J.' initial matches John P. Frawley and lead/tox literature context
- 2likely\_1971\_na\_Lead\_x17admpV6aznRbx3k481Y0LKJ.pdf — 1971 / Lead — 'J Frawley' in a list (lead context); initial 'J' matches John P. Frawley — too short to confirm

- 2likely\_1972\_AlliedSignal\_PolyvinylC\_\_85ZZr3V063a0NM1gm09x2bGvy.pdf — 1972 Allied Signal / Polyvinyl Chloride — 1972 Society of the Plastics Industry / PVC document; chemical-industry toxicology era, Frawley match not visible in opening snippet
- 2likely\_1972\_JohnsManville\_Asbestos\_aDyLg28mbgnEL2QZDyd2w0Y8b.pdf — 1972 Johns-Manville / Asbestos — Johns-Manville Asbestos & Health meeting attendee list (1970s); Frawley likely listed as an attendee — industrial-hygiene tox context fits, name not in window
- 2likely\_1975\_ConocoVista\_PolyvinylC\_\_Z46mRMvwX2ng9bqdRx1X6eZK7.pdf — 1975 Conoco Vista / Polyvinyl Chloride — Watanabe vinyl-chloride tox paper; Frawley match likely a reference citation, snippet too short to confirm
- 2likely\_1975\_LeadIndustries\_Lead\_RJ7jX90q08ZmV7XwDZmD6M9QE.pdf — 1975 Lead Industries Association / Lead — Lead Industries Assoc. response to OSHA lead standard; 'Frawley' not in snippet, likely a consulting toxicologist in body
- 2likely\_1976\_Dow\_PolyvinylC\_\_wqeQyd769mYb0Vyo7JBoVy7gE.pdf — 1976 Dow / Polyvinyl Chloride — Watanabe et al. vinyl chloride metabolism study; Frawley match likely a reference citation, not confirmed in snippet
- 2likely\_1977\_AlliedSignal\_PolyvinylC\_\_8XBVZ0gd3dpoaQb3nZLw9m5d.pdf — 1977 Allied Signal / Polyvinyl Chloride — Vinyl chloride fate study reprint (Tox & Appl Pharm 44:391-399); Frawley likely co-author — industrial tox
- 2likely\_1977\_na\_PolyvinylC\_\_5b62ngkLVZ1yx0gE2xd40d7yJ.pdf — 1977 / Polyvinyl Chloride — Vinyl chloride fate study (Tox & Appl Pharm 44:391-399, 1978); Frawley likely a co-author — tox journal context
- 2likely\_1978\_AlliedSignal\_PolyvinylC\_\_6wgEdZd4e4wXJXeLzmEkBD0Mm.pdf — 1978 Allied Signal / Polyvinyl Chloride — MCA vinyl chloride panel memo; 'Frawley' not visible in snippet, match presumably in body — chemical-industry tox context
- 2likely\_1978\_AlliedSignal\_PolyvinylC\_\_GKJ6380yvqVNgLw10R2KD7nar.pdf — 1978 Allied Signal / Polyvinyl Chloride — Vinyl chloride fate study reprint (Tox & Appl Pharm 44:391-399); Frawley likely co-author — industrial tox
- 2likely\_1978\_AlliedSignal\_PolyvinylC\_\_JJ0zNQ0j28JNg4VR9y21b7b70.pdf — 1978 Allied Signal / Polyvinyl Chloride — 1978 vinyl-chloride fate-in-rats tox paper; Frawley likely a cited author/coauthor — VC toxicology fits, but name not in window
- 2likely\_1978\_Certainteed\_PolyvinylC\_\_QXMMmJyeZY8YYJYwRaEdeNN7R.pdf — 1978 Certainteed / Polyvinyl Chloride — SPI statement on saccharin/food-safety policy; Frawley elsewhere in doc (not in snippet), food-safety policy context
- 2likely\_1978\_ConocoVista\_PolyvinylC\_\_8dw621JLr50kZj000YawZY65.pdf — 1978 Conoco Vista / Polyvinyl Chloride — 1978 MCA Vinyl Chloride Technical Panel memo addressing 'Dr. \_\_\_\_' (Frawley) — industry tox panel context strongly fits, name cut off after 'Dr.'
- 2likely\_1978\_ConocoVista\_PolyvinylC\_\_Ra5N576p1qw7rE0yEQbq5ejw7.pdf — 1978 Conoco Vista / Polyvinyl Chloride — Same vinyl chloride fate study reprint (Tox & Appl Pharm 44:391-399); Frawley likely co-author — industrial tox

- 2likely\_1978\_Dow\_PolyvinylC\_3ev9XQGe451jzQBxZrNV9wBaa.pdf — 1978 Dow / Polyvinyl Chloride — Same 1978 vinyl-chloride fate-in-rats tox paper (Dow copy); Frawley likely cited author — VC toxicology fits, unconfirmed in window
- 2likely\_1978\_Dow\_PolyvinylC\_6bBp1YykMmJjoJBbMNxwk6J7R.pdf — 1978 Dow / Polyvinyl Chloride — Vinyl chloride fate study reprint (Tox & Appl Pharm 44:391-399); Frawley likely co-author — industrial tox
- 2likely\_1978\_Dow\_PolyvinylC\_Z4eXYqRDnaQa06rde00RmBk00.pdf — 1978 Dow / Polyvinyl Chloride — Same 1978 vinyl-chloride fate-in-rats tox paper (Dow copy); Frawley likely cited author — VC toxicology fits, unconfirmed in window
- 2likely\_1978\_Dow\_PolyvinylC\_gEyMkxp0YQaJ003qoKr5zM9QL.pdf — 1978 Dow / Polyvinyl Chloride — Vinyl chloride fate study reprint (Tox & Appl Pharm 44:391-399); Frawley likely listed co-author — industrial tox
- 2likely\_1978\_Dow\_PolyvinylC\_x5491NV2rY3wb5zVM30Dv0Jd6.pdf — 1978 Dow / Polyvinyl Chloride — Vinyl chloride fate study reprint (Tox & Appl Pharm 44:391-399); Frawley likely co-author — industrial tox
- 2likely\_1978\_Ethyl\_PolyvinylC\_rxJnLn10JMyBQwGv0aNMvvrZq.pdf — 1978 Ethyl / Polyvinyl Chloride — Ethyl Corp memo on OSHA carcinogen policy from Gary Ter Haar; Frawley match elsewhere, regulatory tox context but not confirmed in snippet
- 2likely\_1978\_PPG\_PolyvinylC\_jgvV8X74aGY7qeM2Dvr00q03p.pdf — 1978 PPG / Polyvinyl Chloride — Vinyl chloride fate study reprint (Tox & Appl Pharm 44:391-399); Frawley likely co-author — industrial tox
- 2likely\_1978\_UnionCarbide\_PolyvinylC\_G53L9k707jwyQypRNp0r0w5Nq.pdf — 1978 Union Carbide / Polyvinyl Chloride — Vinyl chloride fate study reprint (Tox & Appl Pharm 44:391-399); Frawley likely co-author — industrial tox
- 2likely\_1982\_Kohler\_Asbestos\_yp09gxz8pnp7xkd6JDJbmB5X2.pdf — 1982 Kohler / Asbestos — 1982-83 American Industrial Hygiene Association membership directory (Castleman Papers); "Frawley" almost certainly appears as a directory listing — plausibly the toxicologist J.P. Frawley if an AIHA member, but snippet shows only the code-of-ethics front matter, not confirmed
- 2likely\_1984\_na\_Dioxin\_3QbwyemEQRKqzLp6qw7zdnQo6.pdf — 1984 / Dioxin — 1984 EPA Office of Solid Waste letter (dioxin); Frawley plausibly addressee/named — fits his late-career Health & Environment Intl consulting, unconfirmed in window
- 2likely\_1993\_None\_Dioxin\_jJvrXzQ24eVbVd0Y2Z2r3MMp.pdf — 1993 None / Dioxin — 1993 EPA Great Lakes water quality criteria document (dioxin); Frawley likely cited as toxicology reference in criteria/citation list
- 2likely\_1993\_PoisonPapersco\_Dioxin\_B5ZL6004erwKRazqkjYD9LnGX.pdf — 1993 (Poison Papers collection) / Dioxin — EPA TCDD/PCB/dioxin Exposure & Human Health Reassessment Vol 2 (food/environmental levels); PCB & food context fits Frawley's food-packaging/PCB tox work; likely a citation but not confirmed
- 2likely\_2002\_None\_Dioxin\_1Q0g8En9dq8qNXa7NdMoXKzvE.pdf — 2002 None / Dioxin — Agent Orange (dioxin/2,4,5-T) product liability litigation;

Frawley plausibly cited as industry toxicologist on 2,4,5-T — fits but not confirmed in snippet

- 2likely\_2003\_None\_Dioxin\_NGzM7aKaBE8JmBkxzM0M35oyR.pdf — 2003 None / Dioxin — 2003 dioxin draft document (likely EPA dioxin reassessment); minimal snippet, Frawley plausibly a cited toxicology reference
- 2likely\_2003\_PoisonPapersco\_Dioxin\_BRqdp8EE9zDakgMj rYBVday0j.pdf — 2003 (Poison Papers collection) / Dioxin — EPA TCDD (dioxin) Exposure & Human Health Reassessment draft, Vol 3; large gov report likely citing Frawley's organophosphate/tox literature but snippet does not confirm
- 2likely\_2003\_PoisonPapersco\_Dioxin\_GmZQvwxGmGmaR09d8Z3o8NNG7.pdf — 2003 (Poison Papers collection) / Dioxin — EPA TCDD (dioxin) Exposure & Human Health Reassessment draft, Vol 3 modeling; large gov report likely citing Frawley tox literature but snippet does not confirm
- 2likely\_2003\_TexacoCastlema\_Asbestos\_daVDDoaJgMvXq1qdrZ6g2a9JG.pdf — 2003 Texaco (Castleman Papers) / Asbestos — Castleman/Texaco library scan (tables of contents + a Hueper occupational-cancer article); Frawley plausibly a cited tox author but snippet does not confirm
- 2likely\_None\_Monsanto\_PCBs\_R20Bg4B636ya4KjnVN5E7pn9k.pdf — None Monsanto / PCBs — PCB toxicological analysis report (Monsanto); Frawley likely cited as toxicology reference/author in PCB tox context
- 2likely\_None\_Monsanto\_PCBs\_np4X9xa19901RQ6L1aZzg0m52.pdf — None Monsanto / PCBs — PCB toxicological analysis report (Monsanto, dup of pg13 doc9 variant); Frawley likely cited in PCB tox reference list
- 2likely\_None\_None\_Dioxin\_936yQM5by5bVMwp0Gv23BX0MD.pdf — None None / Dioxin — Citizens' report on 2,4-D (phenoxy herbicide/dioxin); Frawley likely cited as industry toxicologist defending herbicide safety
- 2likely\_xxxx\_AlliedSignal\_PolyvinylC\_M40GxgKp2xkGv9yZ4x1090gD7.pdf — Allied Signal / Polyvinyl Chloride — letter addressed to Frawley enclosing Dr.-something, food-additive correspondence
- 2likely\_xxxx\_AlliedSignal\_PolyvinylC\_ZJbE0wLV7YE0qRyr06Lp45a9J.pdf — Allied Signal / Polyvinyl Chloride — Frawley presenting to American Chemical Society 1966 mtg, draft industry doc (PVC) — chemical-industry tox era, fits but unconfirmed
- 2likely\_xxxx\_AlliedSignal\_PolyvinylC\_djakp00oYxMGYaLxgw7jKm1R.pdf — Allied Signal / Polyvinyl Chloride — truncated, in PVC food-additive cluster; fits Frawley
- 2likely\_xxxx\_AlliedSignal\_PolyvinylC\_evvr17B5Xj38xgXRggqMDayBp.pdf — Allied Signal / Polyvinyl Chloride — Short PVC food-packaging snippet referencing 'Frawley's concept'; same Allied/SPI tox milieu
- 2likely\_xxxx\_AlliedSignal\_PolyvinylC\_mbq0EvXoyrv03kqoMXMzBzJxZ.pdf — Allied Signal / Polyvinyl Chloride — bare name in PVC food-additive cluster; fits Frawley
- 2likely\_xxxx\_AlliedSignal\_PolyvinylC\_qkgD07zYjDx8KKyjG66K0DEjn.pdf — Allied Signal / Polyvinyl Chloride — PVC food-packaging correspondence about toxicity data needed; Frawley supplying info, Allied/Hercules milieu
- 2likely\_xxxx\_AmericanPetrol\_Asbestos\_YD02aVea0LvM90bwL7gmpdeqV.pdf — American Petroleum Institute / Asbestos — API Medical Advisory

Committee 31st meeting minutes; Frawley likely an attendee/member — industrial tox/medical context fits, name not in window

- 2likely\_xxxx\_Ford\_Asbestos\_gEyb1REdbwNyggbnvqYo6j2NV.pdf — Ford / Asbestos — Index entry pairing Frawley with a toxicological glycol study; initial "T." is likely OCR error for J.P. Frawley who authored glycol tox studies
- 2likely\_xxxx\_Monsanto\_PCBs\_8R1pM98Rk4XyLJk72EdxJE6a.pdf — Monsanto / PCBs — Monsanto/PCB context, Frawley quoted on fire-retardant plastic; plausibly the toxicologist but not confirmed
- 2likely\_xxxx\_PoisonPapersco\_Dioxin\_10yVm4645jpNGLyyp7YJKdMDd.pdf — (Poison Papers collection) / Dioxin — Poison Papers dioxin/experiment doc; tiny garbled snippet but topic (dioxin/2,4,5-T tox experiments) fits Frawley's area; not confirmed
- 2likely\_xxxx\_PoisonPapersco\_Dioxin\_99r5Rw97XkqnmoxMo1xj73J3L.pdf — (Poison Papers collection) / Dioxin — Dow/Uniroyal 2,4,5-T herbicide-dioxin litigation (New Brunswick, Agnew v. Dow); Frawley plausibly appears as an industry toxicology expert/citation but snippet does not confirm
- 2likely\_xxxx\_PoisonPapersco\_Dioxin\_V3ge0aBVLmNBaXzp25NawzBgK.pdf — (Poison Papers collection) / Dioxin — Poison Papers dioxin/2,4,5-T archival document index (1956); era and topic fit Frawley (FDA late 1940s-1957 / industry tox); not confirmed
- 2likely\_xxxx\_PoisonPapersco\_Dioxin\_jB30K1ER7rnKz7J0Bm9Ve9N3Z.pdf — (Poison Papers collection) / Dioxin — Dioxin/Poison Papers doc; snippet names toxicologist Ellen Silbergeld, not Frawley; Frawley match elsewhere in doc, possibly as an opposing industry-tox citation
- 2likely\_xxxx\_Shell\_na\_mp0p6L6p02EQLDGjD0EdEqx5g.pdf — Shell / — Shell litigation exhibit / SRI International report for NCI Division of Cancer Control; carcinogenesis report could cite Frawley's tox work but snippet does not confirm
- 2likely\_xxxx\_UnionCarbide\_PolyvinylC\_LJ6MXQjQ09rweGkLdaLbYr9x3.pdf — Union Carbide / Polyvinyl Chloride — Vinyl chloride fate study reprint (Tox & Appl Pharm 44:391-399); Frawley likely co-author — industrial tox
- 2likely\_xxxx\_na\_Dioxin\_93N6YmoxZaVEE7a9g41owqbKV.pdf — / Dioxin — Agent Orange / dioxin litigation pleading by Victor J. Yannacone Jr. (lead plaintiffs' counsel) (Poison Papers); 2,4,5-T/dioxin context fits Frawley's industry-tox role but he is not visible in snippet
- 2likely\_xxxx\_na\_Dioxin\_B8kw8m7gdr3Gn0vNj07rKZ3yk.pdf — / Dioxin — Dioxin doc, 'PORTIONS OF DR. \_\_\_' (likely Dr. Frawley); dioxin/2,4,5-T tox fits his domain but name cut off after 'DR.'
- 2likely\_xxxx\_na\_Dioxin\_jgqXqRwnobyQ45Rx696M2qQeZ.pdf — / Dioxin — Agent Orange (dioxin/2,4,5-T) trial testimony, Moyer v Dow; Frawley likely cited as 2,4,5-T toxicology expert — fits his profile
- 2likely\_xxxx\_na\_Dioxin\_wKKV8wGMYGzY14VpmmBw8vKNJ.pdf — / Dioxin — 1988 letter from Texas Tech/NPTN to plaintiff law firm Cartwright Slobodin re pesticide (dioxin/2,4,5-T) litigation; pesticide-tox context fits but Frawley not visible in snippet
- 2likely\_xxxx\_na\_Lead\_YLyEeQnXL0v52qvVQqrwq1BD.pdf — / Lead — Lead Industries Assoc. 1962 annual meeting program; 'Frawley' not in snippet, likely an attendee/representative in body

### 3unclear (72)

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- 3unclear\_\_1932\_\_IndustrialHygi\_\_Asbestos\_\_0qjZ7nNmdZro5qnXww87Q1dxV.pdf — 1932 Industrial Hygiene Foundation / Asbestos — Industrial Hygiene Digest newsletter (OCR-dated 1932); asbestos abstracts, Frawley match not shown — likely unrelated digest name
- 3unclear\_\_1932\_\_IndustrialHygi\_\_Asbestos\_\_JJEwzvvyypdX9e24r9b53LkQ6.pdf — 1932 Industrial Hygiene Foundation / Asbestos — Industrial Hygiene Digest newsletter (OCR-dated 1932); asbestos abstracts, Frawley match not shown — likely unrelated digest name
- 3unclear\_\_1932\_\_IndustrialHygi\_\_Asbestos\_\_VJD6ae0Dr3dL7VMjr9b0n1Xap.pdf — 1932 Industrial Hygiene Foundation / Asbestos — Industrial Hygiene Digest newsletter (OCR-dated 1932/1952); asbestos abstracts, Frawley match not shown — likely unrelated name in digest
- 3unclear\_\_1936\_\_HavegHercules\_\_Asbestos\_\_B5KDKMEmDGD8g9w6384Gy9BNE.pdf — 1936 Haveg Hercules / Asbestos — Delaware asbestos litigation file (Haveg Hercules); court header only, Frawley match not visible — Hercules connection but asbestos litigation context
- 3unclear\_\_1936\_\_HavegHercules\_\_Asbestos\_\_NGjwmMx6j4n37kLpV07Ege2Jg.pdf — 1936 Haveg Hercules / Asbestos — Duplicate of prior: Delaware asbestos litigation file (Haveg Hercules); court header only, Frawley match not visible
- 3unclear\_\_1949\_\_Ford\_\_Asbestos\_\_YrJG6d0RZ342705Er40QE3rXE.pdf — 1949 Ford / Asbestos — Bare surname with initial "D." in an asbestos document; initial does not match John P.
- 3unclear\_\_1950\_\_na\_\_Dioxin\_\_jyRpKDnajgJG8qv9oapz10GVR.pdf — 1950 / Dioxin — Poison Papers 2,4,5-T/Agent Orange litigation doc; highlighted snippet does not contain "Frawley" (matched elsewhere in 206-page doc), term not shown here
- 3unclear\_\_1952\_\_Ford\_\_Asbestos\_\_jy5MaB5j17GVjZwgMgD4Yk8B5.pdf — 1952 Ford / Asbestos — 1952 Industrial Hygiene Digest newsletter; Frawley match not shown, predates Hercules role and is an asbestos abstracts digest — likely unrelated name
- 3unclear\_\_1952\_\_JohnsonJohnson\_\_Asbestos\_\_b5a98rd0wz08Dbv0am9nvaYJK.pdf — 1952 Johnson & Johnson / Asbestos — 1952 Industrial Hygiene Digest exhibit (J&J/talc asbestosis); Frawley match not visible in OCR — likely unrelated digest name
- 3unclear\_\_1952\_\_JohnsonJohnson\_\_Asbestos\_\_r6NByj0kqDGwyQYy3zoa5pYrv.pdf — 1952 Johnson & Johnson / Asbestos — 1952 Industrial Hygiene Digest exhibit (J&J/talc asbestosis); Frawley match not visible in OCR — likely unrelated digest name
- 3unclear\_\_1952\_\_None\_\_Asbestos\_\_5M3q3N0v3JrLmD22npkEbNnD.pdf — 1952 None / Asbestos — 1952 Industrial Hygiene Digest exhibit (talc/asbestosis); Frawley match not visible in OCR — likely unrelated digest name
- 3unclear\_\_1952\_\_None\_\_Asbestos\_\_oJ9vgLpL6xbG6RR6VZkjEp8R.pdf — 1952 None / Asbestos — 1952 Industrial Hygiene Digest exhibit

(talco/asbestosis, dup of pg14 doc11/13 family); Frawley match not visible — likely unrelated digest name

- 3unclear\_\_1952\_\_Westinghouse\_\_Asbestos\_\_G9b11Qrj6QREJvYxgB4eKmNV.pdf — 1952 Westinghouse / Asbestos — 1952 Industrial Hygiene Digest (Westinghouse copy); asbestos abstracts, Frawley match not shown — likely unrelated digest name
- 3unclear\_\_1952\_\_Westinghouse\_\_Asbestos\_\_LgGQqpYpVDrZKbbmKk2N9xDDX.pdf — 1952 Westinghouse / Asbestos — Duplicate of prior: 1952 Industrial Hygiene Digest (Westinghouse copy); Frawley match not shown — likely unrelated digest name
- 3unclear\_\_1955\_\_na\_\_Dioxin\_\_KzeVvq90p8D2nzdKw780eXKwx.pdf — 1955 / Dioxin — Deposition/transcript fragment (numbered lines) on a witness's radiation-biology credentials, dioxin litigation; snippet describes a different person's CV, Frawley not visible
- 3unclear\_\_1967\_\_AlliedSignal\_\_PolyvinylC\_\_x5j58NqrRdBje3b0XwoxZa8nm.pdf — 1967 Allied Signal / Polyvinyl Chloride — PVC/SPI food-packaging doc; snippet attributes a 'Dr. Frawley' to Shell (our man was Hercules), so identity uncertain
- 3unclear\_\_1968\_\_na\_\_Lead\_\_XRyBKkzXMVoZoaNRgL60a95Y4.pdf — 1968 / Lead — Surname with initial "E." in a lead document; no context, initial does not match John P.
- 3unclear\_\_1969\_\_InternationalL\_\_Lead\_\_6bm92aqpymEREeop9ZqorKepo.pdf — 1969 International Lead Zinc Research Organization / Lead — Surname with initial "A." in lead/zinc research doc; no context, initial does not match John P.
- 3unclear\_\_1969\_\_LeadIndustries\_\_Lead\_\_8Vbq0pM0m43Nzz4n7o5LN0B0a.pdf — 1969 Lead Industries Association / Lead — Lead Industries Association letterhead; Frawley match elsewhere in doc, lead-tox context but not confirmed in snippet
- 3unclear\_\_1969\_\_LeadIndustries\_\_Lead\_\_yrBL1XybMpy6nZdgKbrj1Bvn6.pdf — 1969 Lead Industries Association / Lead — 'Frawley' as a name fragment in a Lead Industries Association document (lead tox); ambiguous - could be a citation or distribution-list name
- 3unclear\_\_1969\_\_None\_\_Lead\_\_xj52mwLLQe2bYjnoZkJgjbXny.pdf — 1969 None / Lead — duplicate-style Lead Industries Association letterhead doc; Frawley match elsewhere, lead-tox context, not confirmed in snippet
- 3unclear\_\_1970\_\_AlliedSignal\_\_PolyvinylC\_\_KRm02QbkzrqvV9BeG1E1LqY5r.pdf — 1970 Allied Signal / Polyvinyl Chloride — Bare surname with initial, no context; Allied PVC/food-additives cluster
- 3unclear\_\_1970\_\_Kohler\_\_Asbestos\_\_4a8Z3wQ78G0kxgYgnY3g3dZBa.pdf — 1970 Kohler / Asbestos — 1970 AIHA Roster (Kohler copy); heavily garbled OCR, Frawley likely a roster name not a tox role — but text too degraded
- 3unclear\_\_1970\_\_na\_\_Lead\_\_ga05bp8k1k78z6qGmdnmGaG5e.pdf — 1970 / Lead — Garbled reference/author list in a lead document; no usable role context
- 3unclear\_\_1972\_\_Alcoa\_\_Asbestos\_\_gaVanmx4DJG0QRKbRbaY0mRDG.pdf — 1972 Alcoa / Asbestos — name in Alcoa/asbestos doc, likely a distribution/attendee list; unclear if toxicologist

- 3unclear\_\_1972\_\_AlliedSignal\_\_PolyvinylC\_\_Dvbkg6od0ZBnQ3Q3G94EZ43VB.pdf — 1972 Allied Signal / Polyvinyl Chloride — 1972 PVC doc, law-firm/letterhead name list (Keller, Heckman); Frawley not visible in window — possibly food-packaging counsel context but unconfirmed
- 3unclear\_\_1972\_\_AlliedSignal\_\_PolyvinylC\_\_X0B11DMJMExmbLkQMnr8oEryG.pdf — 1972 Allied Signal / Polyvinyl Chloride — garbled OCR header only; Frawley match elsewhere in this Allied Signal PVC food-packaging doc, but snippet uninformative
- 3unclear\_\_1973\_\_LeadIndustries\_\_Lead\_\_DMRnbXgyM9ZJBXJdEJ4LevLa5.pdf — 1973 Lead Industries Association / Lead — Lead Industries Association doc; isolated/garbled 'Frawley) E.' fragment with no context to identify the person
- 3unclear\_\_1973\_\_na\_\_Lead\_\_8QL68de84pYp2dV0319GbLRe.pdf — 1973 / Lead — Bare surname fragment in a lead document; no usable context
- 3unclear\_\_1974\_\_AlliedSignal\_\_PolyvinylC\_\_8VR3rE2b4Nx DzVzybabQGMM6k.pdf — 1974 Allied Signal / Polyvinyl Chloride — Law-firm letterhead name list; highlighted snippet does not show "Frawley" (matched elsewhere in 29-page doc)
- 3unclear\_\_1975\_\_Monsanto\_\_PCBs\_\_6B00ML89DarRJrgo4eLEVgxR1.pdf — 1975 Monsanto / PCBs — PCB hepatotoxicity study; no 'Frawley' in snippet (author 'Gary P.' truncated), match likely elsewhere in doc
- 3unclear\_\_1975\_\_Monsanto\_\_PCBs\_\_aBgBXMpvBZ15BdGop4ZJ4m7Qb.pdf — 1975 Monsanto / PCBs — 1975 PCB/CCl4 hepatotoxicity tox paper (Monsanto); lead author 'Gary P.' (Carlson?) not Frawley — Frawley likely a citation/coauthor, name not in window
- 3unclear\_\_1976\_\_Dow\_\_PolyvinylC\_\_Gzoe6Y45EbLdx5wJpjoYD1QKY.pdf — 1976 Dow / Polyvinyl Chloride — Dow R&D report cover fragment; no 'Frawley' visible in snippet
- 3unclear\_\_1976\_\_Dow\_\_PolyvinylC\_\_xX18mmaK9Mr65QrXZRB75R20.pdf — 1976 Dow / Polyvinyl Chloride — Dow Chemical document fragment; no 'Frawley' visible in snippet
- 3unclear\_\_1977\_\_SocietyofthePl\_\_PolyvinylC\_\_wroQaEE7gzY7X5Lzeo770ozGB.pdf — 1977 Society of the Plastics Industry / Polyvinyl Chloride — snippet shows only 'JOSEPH E.'; Frawley match is elsewhere in the doc, SPI food-packaging context but too short to confirm from snippet
- 3unclear\_\_1978\_\_Goodyear\_\_PolyvinylC\_\_MaXQwb59xMyXVB753Mx1aLeV.pdf — 1978 Goodyear / Polyvinyl Chloride — Goodyear PVC doc; highlight is OCR garbage, no recognizable Frawley context
- 3unclear\_\_1978\_\_Goodyear\_\_PolyvinylC\_\_k9naVRym9r9NmgRy8nYEaRD7J.pdf — 1978 Goodyear / Polyvinyl Chloride — Goodyear PVC doc; highlight is OCR garbage with no recognizable Frawley context
- 3unclear\_\_1978\_\_Occidental\_\_PolyvinylC\_\_peKbo5L8Bm17k89Lpq91qLbaE.pdf — 1978 Occidental / Polyvinyl Chloride — snippet shows only garbled header and 'JOSEPH E.'; Frawley match elsewhere, SPI/PVC food-packaging context but too short to confirm
- 3unclear\_\_1984\_\_na\_\_PolyvinylC\_\_70yL1Lke0byEDX90kEKDNqJzo.pdf — 1984 / Polyvinyl Chloride — Cyanamid PVC doc; highlight snippet garbled, Frawley not visible in window — cannot tell

- 3unclear\_\_1995\_\_PoisonPapersco\_\_Dioxin\_\_vVwjVx72d3334w363bxLqyvnr.pdf — 1995 (Poison Papers collection) / Dioxin — EPA Great Lakes Water Quality dioxin human-health criteria doc (1995); could cite Frawley tox work but snippet does not confirm
- 3unclear\_\_2003\_\_na\_\_Dioxin\_\_wromGm4Jq0pg9ZzRkV9JRqg7J.pdf — 2003 / Dioxin — EPA's 2003 Exposure and Human Health Reassessment of 2,3,7,8-TCDD (dioxin), Appendix B Environmental Concentrations; snippet is just the appendix heading — Frawley not visible but the TCDD reassessment cites/discusses earlier industry tox work
- 3unclear\_\_2006\_\_na\_\_Dioxin\_\_R2J13EbK9KGeom9KZXMZGj4a.pdf — 2006 / Dioxin — National Academies Press dioxin catalog/book page (2006); snippet shows only a NAP boilerplate line — no visible Frawley reference
- 3unclear\_\_None\_\_Monsanto\_\_PCBs\_\_Gzje27xLmeXoVmNe04NVxZ7wV.pdf — None Monsanto / PCBs — Monsanto PCB document with near-empty OCR snippet ('to!'); cannot evaluate Frawley match from text
- 3unclear\_\_xxxx\_\_BFGoodrich\_\_PolyvinylC\_\_Lp5dqJdD1L42Y7ao1NERRqQXg.pdf — BF Goodrich / Polyvinyl Chloride — BF Goodrich / Society of the Plastics Industry PVC doc; Frawley not visible in garbled snippet — cannot determine
- 3unclear\_\_xxxx\_\_Bendix\_\_Asbestos\_\_rxXmNrJ4mLVXMnao327L3Z210.pdf — Bendix / Asbestos — Bendix asbestos 'An Information Resource' archive scan; Frawley not in snippet, no context to identify the toxicologist
- 3unclear\_\_xxxx\_\_Dow\_\_PolyvinylC\_\_6wDgQ8MBxgEz5Yra92vjVDqj9.pdf — Dow / Polyvinyl Chloride — Dow R&D report cover fragment; no 'Frawley' visible in snippet
- 3unclear\_\_xxxx\_\_Dow\_\_PolyvinylC\_\_KG7R0kY48kbzD34nNyd1g6QE2.pdf — Dow / Polyvinyl Chloride — Dow R&D report cover fragment (garbled OCR); no 'Frawley' visible in snippet
- 3unclear\_\_xxxx\_\_Dow\_\_PolyvinylC\_\_mq0RVzneVvQ3ZBpGZ91dJ04zJ.pdf — Dow / Polyvinyl Chloride — fully garbled OCR fragment; no usable text or 'Frawley' visible
- 3unclear\_\_xxxx\_\_DuPont\_\_Asbestos\_\_QJw7g3VNLX8Bn461pqmjY7zj8.pdf — DuPont / Asbestos — DuPont Victoria Plant library asbestos archive scan; Frawley not in snippet
- 3unclear\_\_xxxx\_\_DuPont\_\_Asbestos\_\_ypLj0adXpKb797edMjYVm91J4.pdf — DuPont / Asbestos — DuPont asbestos 'An Information Resource' archive scan; Frawley not in snippet
- 3unclear\_\_xxxx\_\_Eaton\_\_Asbestos\_\_Nev5R2eg3k7e0DgZdKpZM0rny.pdf — Eaton / Asbestos — Eaton asbestos doc with near-empty/garbled OCR snippet; cannot tell
- 3unclear\_\_xxxx\_\_Ethyl\_\_Asbestos\_\_3JyEDGQzrDQxqzvvd1Z08LVja.pdf — Ethyl / Asbestos — Surname in a name list (Ethyl/asbestos doc); "Howard B." likely a separate name, no role shown
- 3unclear\_\_xxxx\_\_Ford\_\_Asbestos\_\_6w1GqmoDnwzgn7X08xDv3mGxm.pdf — Ford / Asbestos — Ford/asbestos meeting; speaker named Frawley on osteoporosis, unclear if the toxicologist
- 3unclear\_\_xxxx\_\_Ford\_\_Asbestos\_\_Xzv10eGzxLkJbDGm555344x1x.pdf — Ford / Asbestos — Ford/asbestos doc; bare name, too short to identify

- 3unclear\_\_xxxx\_\_Ford\_\_Asbestos\_\_jg5eZQyjRe6gmZ1G5wz27jnEk.pdf — Ford / Asbestos — Ford/asbestos meeting transcript re long-term patients; unclear if toxicologist
- 3unclear\_\_xxxx\_\_InternationalL\_\_Lead\_\_zbnQKXX2pwxpkB6GqXddmQpa.pdf — International Lead Zinc Research Organization / Lead — 'Frawley' adjacent to a name in a lead/zinc research org list; too short to confirm identity
- 3unclear\_\_xxxx\_\_JohnsManville\_\_Asbestos\_\_nmLdMZgeNm0o0y6kgyNN4KdNa.pdf — Johns-Manville / Asbestos — Johns-Manville asbestos archival box/index fragment; cannot tell
- 3unclear\_\_xxxx\_\_Monsanto\_\_Asbestos\_\_2jy0Z56wV9rKzxMRLbpb2n1Br.pdf — Monsanto / Asbestos — Monsanto asbestos 'An Information Resource' archive scan; Frawley not in snippet
- 3unclear\_\_xxxx\_\_Monsanto\_\_Asbestos\_\_MaMEYmga9nVyBKkx4vKaqr9.pdf — Monsanto / Asbestos — Monsanto asbestos 'An Information Resource' archive scan (companion to prior); Frawley not in snippet
- 3unclear\_\_xxxx\_\_PPG\_\_PolyvinylC\_\_Z44gRYaa3YQ0mNy1reKaRrmq0.pdf — PPG / Polyvinyl Chloride — PVC/carcinogens paper (PPG); Frawley not visible in short window — carcinogen-tox context plausible but cannot confirm
- 3unclear\_\_xxxx\_\_UnionCarbide\_\_Asbestos\_\_99w2Dvwy29BXgB3DKE52Ex55.pdf — Union Carbide / Asbestos — Union Carbide asbestos 'An Information Resource' archive scan; Frawley not in snippet
- 3unclear\_\_xxxx\_\_na\_\_Asbestos\_\_qm7wyk2jYKqra0618Xqo3b8qG.pdf — / Asbestos — Asbestos 'An Information Resource' archive scan under protective order; OCR garbled, Frawley not in snippet, cannot identify
- 3unclear\_\_xxxx\_\_na\_\_Dioxin\_\_6B882Qnwp6LgKZxwgd9bjRE.pdf — / Dioxin — Dioxin-litigation witness-list fragment (Poison Papers); snippet is a placeholder expert-witness line — Frawley not visible but could be a named witness elsewhere in the doc
- 3unclear\_\_xxxx\_\_na\_\_Dioxin\_\_85qdqNXoDVMR90kY9gdMwNz45.pdf — / Dioxin — Dioxin-collection document; snippet is garbled OCR noise — too short/garbled to tell, Frawley not visible
- 3unclear\_\_xxxx\_\_na\_\_Dioxin\_\_QXegG5XZDJkE6DBRjQxm35RnE.pdf — / Dioxin — Dioxin-collection document; snippet is a two-word fragment (a partial name "Marvin A.") — too short to tell, Frawley not visible
- 3unclear\_\_xxxx\_\_na\_\_Dioxin\_\_RBqNnvVrnkZ54xyyqd90yKV.pdf — / Dioxin — Poison Papers dioxin court-transcript (408 pp); highlighted snippet does not show "Frawley" (matched deeper in doc)
- 3unclear\_\_xxxx\_\_na\_\_Dioxin\_\_VZrv6JYegpeL5NnYKZ4xpX58.pdf — / Dioxin — General Electric dioxin/furan production document, "Dioxins and Furans: Q&A" booklet (Poison Papers); snippet is title/TOC only — no visible Frawley reference, but dioxin-tox subject fits the toxicologist's domain
- 3unclear\_\_xxxx\_\_na\_\_Dioxin\_\_jyBDvYGzG58gkKk3VmdbjxLK5.pdf — / Dioxin — Dioxin deposition/transcript fragment; Frawley not visible in window — possibly deponent or named party, cannot confirm
- 3unclear\_\_xxxx\_\_na\_\_Lead\_\_MMDvLmVbRaGEmBw6vRvpGRRv9.pdf — / Lead — Lead/paint-industry doc with garbled OCR snippet; cannot tell
- 3unclear\_\_xxxx\_\_na\_\_PolyvinylC\_\_KGDvMrxKQZv0GpXJwE69K82wN.pdf — / Polyvinyl Chloride — PVC doc; highlight is OCR garbage, no recognizable

Frawley context

- 3unclear\_\_xxxx\_\_na\_\_PolyvinylC\_\_y2r0vd2VQ6yzQZRz0X10R13.pdf — / Polyvinyl Chloride — garbled OCR fragment about PVC tubing; no visible 'Frawley' in snippet
- 3unclear\_\_xxxx\_\_na\_\_na\_\_z bj1Vjg1kaEr0b11raEGYyDqg.pdf — / — no firm/substance metadata; bare name addressed in a letter, too short to identify

## 4no (32)

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- 4no\_\_1948\_\_na\_\_Lead\_\_15NGww9J9wZMBbgGmqbgk1JnX.pdf — 1948 / Lead — Street/residence directory (Burlingame Hills) — 'Frawley P j jr' is an unrelated resident name, not the toxicologist
- 4no\_\_1950\_\_Ford\_\_Asbestos\_\_0gpL68GQLYvYJ69bJZBQLxGZR.pdf — 1950 Ford / Asbestos — Citation/reference list fragment ('Frawley, T.') within the clinical ACTH/cortisone paper; physician Frawley, not the toxicologist
- 4no\_\_1950\_\_Ford\_\_Asbestos\_\_5LoEBokQ8z4d47BvYnQ3pEVKJ.pdf — 1950 Ford / Asbestos — 1950 clinical paper on ACTH/cortisone therapy complications by a physician named Frawley; not the toxicologist
- 4no\_\_1950\_\_Ford\_\_Asbestos\_\_KRZ5n9Q7YQzq43L1DjVRRlrax.pdf — 1950 Ford / Asbestos — Clinical ACTH/cortisone therapy paper (thyroid/pituitary suppression); physician Frawley, not the toxicologist
- 4no\_\_1950\_\_Ford\_\_Asbestos\_\_RpnM5QYMEjyppgDYyNvpY6xZdz.pdf — 1950 Ford / Asbestos — Citation fragment ('Frawley, T.') in clinical ACTH/cortisone paper; physician Frawley, not the toxicologist
- 4no\_\_1950\_\_Ford\_\_Asbestos\_\_rpJ33qE0QL69N3eR0wmKd1yK0.pdf — 1950 Ford / Asbestos — a Frawley designated M.D. in 1950 Ford asbestos doc; John P. Frawley was a PhD toxicologist (FDA, not yet Hercules), so likely a different person
- 4no\_\_1951\_\_Ford\_\_Asbestos\_\_EGELg8opjpm dqX9xvZdRzE40.pdf — 1951 Ford / Asbestos — Clinical paper header on ACTH/cortisone therapy complications; physician Frawley, not the toxicologist
- 4no\_\_1958\_\_Bendix\_\_Asbestos\_\_vVX0GBJNzw0JLqGZx7VMjz9ER.pdf — 1958 Bendix / Asbestos — Asbestos-litigation membership booklet (1958-59 officers list); Frawley match not surfaced in snippet, most plausibly an unrelated name in a member/officer directory
- 4no\_\_1959\_\_AmericanIndust\_\_Asbestos\_\_8DVgjBVZRK8RppxXoy0JZeVm.pdf — 1959 American Industrial Hygiene Association / Asbestos — 1959 AIHA Directory of Individual Members; Frawley = name in member roster, not toxicologist role — likely unrelated person
- 4no\_\_1959\_\_DeereCompany\_\_Asbestos\_\_MGv0w0Y1JEBBoJ01VwZJyR9EV.pdf — 1959 Deere & Company / Asbestos — 1959 AIHA membership roster (Deere copy); Frawley = name in member list, not toxicologist role — likely unrelated person
- 4no\_\_1959\_\_Ethyl\_\_Asbestos\_\_2JXmKnd6zjde00dpnXmYdkEQR.pdf — 1959 Ethyl / Asbestos — an Ethyl Corporation 'The Face Is Familiar' employee/photo booklet; 'Frawley' likely an unrelated person's surname, not the toxicologist

- 4no\_\_1959\_\_KoppersBeazerE\_\_Asbestos\_\_ppK0EkXRVDV5GjxperjD1jqzB.pdf — 1959 Koppers-Beazer East / Asbestos — 1959 AIHA member list (Koppers/Beazer copy); Frawley = alphabetical roster name, not a toxicologist role — likely unrelated person
- 4no\_\_1959\_\_None\_\_Asbestos\_\_9JN5qnX50kRkrXRnj8omzgR77.pdf — 1959 None / Asbestos — 1959 AIHA Directory of Individual Members; Frawley = name in member roster, not toxicologist role — likely unrelated person
- 4no\_\_1959\_\_NorthAmericanA\_\_Asbestos\_\_q4yx0pD2awQdw7bkwmNYdK7q.pdf — 1959 North American Aviation / Asbestos — 1959 AIHA membership list (North American Aviation copy); Frawley = roster name, not toxicologist role — likely unrelated person
- 4no\_\_1969\_\_ChemicalAbstra\_\_Asbestos\_\_ej2R4zendMwX9DdJ0jm6R9Mm.pdf — 1969 Chemical Abstracts / Asbestos — Garbled OCR (likely "for X years") in an asbestos/Castleman doc; "Frawley" here appears to be an OCR artifact, not the toxicologist
- 4no\_\_1971\_\_LeadIndustries\_\_Lead\_\_X8we1axoY4a540Zp16VjNV2MJ.pdf — 1971 Lead Industries Association / Lead — Lead Industries Association list entry 'Frawley John F.' — middle initial F not P; different person
- 4no\_\_2017\_\_na\_\_na\_\_EvRkgqq05Q0D503gz07mzqeMj.pdf — 2017 / — 2017 POLITICO Playbook email to EPA staffer; no toxicology content — Frawley match is incidental/unrelated (likely body text), not the toxicologist
- 4no\_\_2022\_\_EuropeanChemic\_\_PFASs\_\_Bv8ZG26BDd0ook1J8nRmqGzRk.pdf — 2022 European Chemicals Agency / PFASs — 2022 ECHA PFAS dossier citation 'Frawley et al., 2018' — a modern PFAS-research author, not John P. Frawley (wrong era)
- 4no\_\_2022\_\_EuropeanChemic\_\_PFASs\_\_RjQnoxoM4kopLVMwr6a9bQD8V.pdf — 2022 European Chemicals Agency / PFASs — 2022 ECHA PFAS firefighting-foam restriction dossier; modern doc, 'Frawley' here unlikely to be the 1950s-80s toxicologist (different/modern person); not confirmed
- 4no\_\_2023\_\_EuropeanChemic\_\_PFASs\_\_NeGRqgazDBmw0wbj5VpYaR16V.pdf — 2023 European Chemicals Agency / PFASs — 2023 ECHA Annex XV PFAS restriction report (Forever Lobbying Project); modern PFAS regulatory document — wrong era/topic for John P. Frawley, match almost certainly a different/unrelated name in references
- 4no\_\_None\_\_Boeing\_\_Asbestos\_\_e7nBv6qMy45VEx0D0QD0D2Ma4.pdf — None Boeing / Asbestos — 1959 AIHA membership roster (Boeing copy); Frawley = name in alphabetical member list, not a toxicologist role — likely unrelated
- 4no\_\_xxxx\_\_ABEX\_\_Asbestos\_\_omENdzV0rEgXpemj8wG8ryxo8.pdf — ABEX / Asbestos — Medical journal TOC; 'Frawley, M.D., Boston' = a different (clinical) Frawley, not the Hercules toxicologist
- 4no\_\_xxxx\_\_BFGoodrich\_\_PolyvinylC\_\_2R08p08QoMBVamDnDd0wLpe5.pdf — BF Goodrich / Polyvinyl Chloride — 1993 Federal Register aircraft airworthiness-directive text (crack inspection); no tox content — Frawley match incidental/unrelated, not the toxicologist
- 4no\_\_xxxx\_\_Ethyl\_\_Asbestos\_\_EvdQ09eeX66YQgBRjr7Y7N24V.pdf — Ethyl / Asbestos — Ethyl Corp company magazine (Jan 1951) table of contents; Frawley not in snippet, most plausibly an unrelated employee name (honor roll/personal section)

- 4no\_\_xxxx\_\_Ethyl\_\_Asbestos\_\_LodRDnZB22Y8wwwbzj0eZ2dw0.pdf — Ethyl / Asbestos — Ethyl Corp employee magazine (1955) table of contents; Frawley not in snippet, most plausibly an unrelated employee name (people/places/personal section)
- 4no\_\_xxxx\_\_Ethyl\_\_Asbestos\_\_Z5oZJyYY72RDwR4J8KY5epwZ.pdf — Ethyl / Asbestos — Ethyl Corp employee/company-magazine ('ETC') human-interest item; Frawley not in snippet, almost certainly an unrelated employee name
- 4no\_\_xxxx\_\_Ford\_\_Asbestos\_\_7MLQd9YK00aR9aZQX23XdDG3B.pdf — Ford / Asbestos — Clinical ACTH/cortisone therapy paper (hyperpotassemia); physician Frawley, not the toxicologist
- 4no\_\_xxxx\_\_Ford\_\_Asbestos\_\_822qXJL4dnj9yejG00po0B3nd.pdf — Ford / Asbestos — Clinical discussion of patient recovery/treatment (ACTH-cortisone paper) by physician Frawley; not the toxicologist
- 4no\_\_xxxx\_\_Ford\_\_Asbestos\_\_MJ0N65kQy86kEDZjp0n7V8Bdj.pdf — Ford / Asbestos — Same medical-journal TOC entry; 'Frawley, M.D., Boston' = different clinical Frawley, not the toxicologist
- 4no\_\_xxxx\_\_na\_\_Lead\_\_9oNjnKgxrj2y0jZdv2bY0GL.pdf — / Lead — Lead/paint-industry trade publication (advertising); Frawley not in snippet, most plausibly an unrelated name in a trade/member directory
- 4no\_\_xxxx\_\_na\_\_Lead\_\_MNDa60635D2rkw1Boj8rJDqL.pdf — / Lead — National Paint & Coatings Assn 1975-76 member directory; Frawley not in snippet, most plausibly an unrelated industry member name
- 4no\_\_xxxx\_\_na\_\_Lead\_\_aBYDnnL888m3MkEnJgVNkXKzY.pdf — / Lead — National Paint & Coatings Assn directory/publication; Frawley not in snippet, most plausibly an unrelated industry member name

## Corrections from full-text reading (trust these over the snippet ourFrawley flag)

- **No Frawley-authored PCB paper.** The 1969 Monsanto "PCB hepatic-microsomal" docs are by Street/Urry/Wagstaff/Blau and only CITE Frawley's 1966 paper.
- **A second "John P. Frawley, Ph.D." exists** (chronic beryllium / occupational-lung, ~1949) — some 1yes asbestos-collection items (esp. 1949) are this NAMESAKE, not our Hercules food toxicologist.
- The richest CONFIRMED vein is the 1yes...PolyvinylChloride cluster = the industry's de minimis ("Frawley proposal") campaign correspondence, 1966–72. See ../07\_TOXICDOCS\_FINDINGS.md.