

newsletter

case still in progress & comment —

R v [...]

-- swing-stage scaffold fatalities --

-- *Criminal Code* -- committed to Superior Court --

M. Grossman

This case, reported previously in this newsletter,¹² of a single individual in a stream from which other accuseds were separated, continues. The preliminary hearing has concluded, at Old City Hall, with a committal for trial at Superior Court, 361 University Avenue, Toronto. That process starts 20 February, 9am.

There is still a publication ban.³

From an OFL Information release, 10 January :

...¹

Metron Manager to Face Criminal Trial for Toronto High-Rise Fatalities

... The Ontario Federation of Labour welcomed today's Ontario Court decision that Metron Construction Project Manager^[2] ██████████ will face a criminal trial for the deaths of four workers and the serious injury of another in 2009.

"We are delighted that the judge found sufficient evidence to send this case to criminal trial. Four workers are dead due to workplace negligence^[3] and, so far, not a single employer has gone to jail," said OFL President Sid Ryan. "Mr. ██████████ had direct responsibility over these workers^[4] and he should be held to account for Metron's shameful failure to follow safety protocols."

The OFL launched its "Kill a Worker, Go to Jail" campaign immediately following the December 24, 2009 collapse of a swing stage at a west Toronto high-rise that resulted in five workers plunging 13 stories during construction repair. Last summer, Metron Construction was convicted of Criminal Negligence causing the fatal accident and received only a \$200,000 fine, while the company's sole owner and director, Joel Swartz, escaped criminal conviction altogether. This fine, which amounts to a meager \$50,000 for each worker's life, is currently being appealed by the Crown on the grounds that it is a "manifestly unfit" sentence, given the gravity of the tragedy. With criminal proceedings now established against the Metron Project Manager,^[5] the workers and their families have a second chance at justice.

"Bosses cannot be allowed to simply buy their way out of responsibility for criminal negligence when the lives of workers and their families have been destroyed," said Ryan. "Over 400

in this issue: Vol. 21 No.1. February 2013.	page
• case still in progress & comment —	1
• R v [...] -- Toronto swing-stage scaffold fatalities.	
• MOL Prevention Council.	2
• Clinic's funding application.	3
• LAO Speciality Clinic Review.	3
• ACLCO Strategic Plan & LAO funding.	3
• Our Clinic & veterans issues.	4
• U of T Engineering Strategies & Practice course.	4
• Demonstration at MOL.	5
• in the press -	
• garment factory fires.	6
• Nixon administration Labor Secretary	7
• Nerve Agents In '91 Gulf War	7
• Labor in Michigan.	7
• 9/11 & cancers.	7
• Subway Deaths.	7
• aniline & cancer C ₆ H ₅ -NH ₂	7
• protective eyewear?	7
• HBCD & quinoline.	7
• New Jersey train crash.	8
• tert-butyllithium. (CH ₃) ₃ -C-Li	8
• EUROPEAN UNION ADDS CHEMICALS TO LIST.	8
• lab safety.	9
• Pb at military firing ranges.	9
• Pb in New York City housing.	9
• Pb & children in Nigeria.	9
• Cold War chemical weapons testing on US soldiers.	9
• data added to http://www.workers-safety.ca/	10
• Workplace fatality, Weston, Ontario, 08 September 1989.	11
• notes.	11
• for future issues.	14
• publication data.	14

TORONTO WORKERS' HEALTH & SAFETY LEGAL CLINIC

Ontario workers die very year while on the job because employers continue to put cost cutting ahead of worker safety. This workplace carnage won't stop unless negligent employers find themselves behind bars. We are going to continue to campaign for justice."

...⁶

A **unionized workforce** is a very important positive factor for workplace health and safety. The OFL is a key player in this, and our Clinic's alliance with the OFL is very important.

But I do not agree with the OFL on the Metron issue :

●At the end of the preliminary hearing, at Old City Hall, committal for trial to Superior Court has a rather limited meaning for workplace safety policy. The legal test for committal, found in *Sheppard & USA*,¹² has a low threshold. The preliminary hearing judge must commit if there is any evidence for a jury to consider. Most cases are committed, but juries frequently go on to acquit after finding the evidence wanting. The preliminary hearing is very often simply a discovery process for defence lawyers.

●In British, USA and Canadian criminal law concept an accused, with a right to remain silent, is presumed innocent

until and unless proven guilty beyond a reasonable doubt in a court of law.

The OFL seems pleased that the Crown has chosen the criminal law route for these swing-stage fatalities, but impatient with the criminal law rules-of-engagement. To conclude fact and imply guilt before the verdict is in is inappropriate. It is quite proper that we are stuck with those rules-of-engagement.

●The OFL is correct that the company executive "... escaped criminal conviction altogether ..." But from data available from the legal proceedings, that escape might be because of innocence at criminal law.³⁴⁵

●It is good that the OFL is " 'going to continue to campaign for justice, ' " but I would suggest that criminal law justice would more properly be sought by way of applying its rules-of-engagement to all accused. In determining that justice has been done, or not, innocence or

guilt of a particular accused is not the central issue. Justice is found in the general application of the law.

●As I have argued previously,⁶ workplace safety is best promoted by the application of frequent regular government inspection and follow-up of regulatory law.

While it might be appropriate in specific cases, depending on the specific evidence, including for the case now before Ontario Superior Court, *Criminal Code* negligence charges are usually not appropriate. To protect workers, the firm application of the regulatory *Occupational Health & Safety Act* is generally much better. This should include frequent regular government inspection and follow-up. Reliance on the Ontario Ministry of Labour's *internal responsibility system* of industry self-regulation is inadequate - with fatal prospects. ■

MOL's new Prevention Council meets again.

Linda Vannucci,
Clinic's Lawyer/Director

The second half-day meeting of the Ministry of Labour's Prevention Council took place 04 December 2012 with a follow-up conference call on 14th December.

The bulk of the meeting was focused on the Draft Consultation Paper to inform Ontario's Strategic Plan on Occupational Health and

Safety. The purpose of the consultation is to assist the MOL and, in particular the Prevention Division, in coordinating priorities and resources in an integrated way

TORONTO WORKERS' HEALTH & SAFETY LEGAL CLINIC

to guide further plans in prevention, compliance and enforcement of occupational health and safety laws and policies. It is meant to generate discussion and collect feedback on proposals for the development of a strategic plan.

These discussions will be ongoing. I anticipate that the Consultation Paper will be released for comment by the occupational health and safety community and stakeholders during February 2013.

Other recent news is that, in follow up to the Expert Panel Report on Occupational Health

and Safety, a Vulnerable Workers Task Group has been appointed, as well as a Small Business Task Group. This was communicated on the Ministry of Labour website 19 December 2012. Consult the site to find out more about the members of these two groups and their purposes. ■

Clinic's funding application.

The Clinic's funding application has been submitted

to LEGAL AID ONTARIO. Nearly all of the Clinic's

financing is from LAO. We await LAO's response.

<http://www.workers-safety.ca/>

2012. [1] LAO. 2013-2014 Funding Application - Section B - FINAL English.doc

2012. [2] LAO. Client Service Measures - Quality Initiatives - Funding Application 2013-14 final.docx

2012. [2] LAO. Client Service Measures-Quality Initiatives-Funding Application 2013-14 final.doc

2012. [3] LAO. 2013-14 Clinic Admin Savings Template FINAL English.rtf

2012. [4] LAO. Schedule 1 - Annual Report -2012.doc

2013 01. 2013-14 LAO Funding Application .xls

LAO Speciality Clinic Review.

As reported in this *newsletter*,¹² LEGAL AID ONTARIO, from which our Clinic receives nearly all of

its financing, did a review of our Clinic at the end of September. (Our Clinic was

last previously reviewed in 2000.)³

We still await the results. ■

TORONTO WORKERS' HEALTH & SAFETY LEGAL CLINIC

ACLCO Strategic Plan.

The ASSOCIATION OF COMMUNITY LEGAL CLINICS OF ONTARIO, of which our Clinic is a part, has progressed with its Strategic Plan:

<http://www.workers-safety.ca/>

2012 12 12. [10] ACLCO.doc

2012 12 12. [11] ACLCO Strategic Plan Memo Dec 2012.doc

2012 12 12. [11] ACLCO Strategic Plan Memo Dec 2012.pdf

2012 12 12. [12] Draft Action Items -Revised Dec 3, 2012.pdf

2012 12 12. [13] Strategic plan Dec 11, 2012 (final).pdf

www.aclco.org

Our Clinic & veterans?.

As previously reported,¹²³⁴⁵⁶⁷ our Clinic continues to place an ad in issues of *Esprit de Corps*,⁸⁹ monthly, for six months,¹⁰ in the hope of offering assistance to veterans who would have legal issues that our Clinic could help with.

Toronto Workers' Health & Safety Legal Clinic
is a community-based legal clinic funded by Legal Aid Ontario. Our lawyers provide information on workplace hazards, and legal advice and representation for workers. We would look forward to considering cases involving veterans' compensation claims, because our mission is to serve workers, and they would include Ontario-connected veterans. TWHSLC services include workers compensation issues and are free to workers/veterans who cannot afford lawyers.

www.workers-safety.ca

100 Dundas Street West, 4th Floor, Toronto, ON M5G 1Z4
Tel: (416) 777-3857

U of T Engineering Strategies & Practice course.

As previously reported,¹ our Clinic met with University of Toronto engineering professors Graeme Norval and Jason Bazylak to explore our becoming a "client" of their "Engineering Strategies & Practice" course – to work with a team of students and their professors on a mutually agreed upon project, for first-year engineering students "... to foster excitement for engineering through real-life

projects that combine creativity and logical methodology."

We suggested the bases of two projects that we are now involved in:

● Scaffolding

Background: There have been accidents where workers have fallen from scaffoldings that resulted in fatalities and serious injuries. The recent accident in 2009 involving Metron Construction Corporation, that resulted in the

death of 4 workers, 1 critically injured worker, and the conviction/monetary fine for the corporation and owner for violations of the *Occupational Health & Safety Act*, has received wide media coverage and attention from the Ministry of Labour. However, scaffolding accidents continue to occur. The legal clinic is currently involved in a case where a worker fell from the first level of a scaffolding and sustained critical injury. The legal clinic would like to find ways to better protect

TORONTO WORKERS' HEALTH & SAFETY LEGAL CLINIC

workers who have to work on scaffoldings.

Problem Statement: Design ways to help improve worker's safety relating to working on scaffoldings at construction sites. The solution can involve combinations of design of an economical and easy to use fastener to secure the scaffolding guardrails and using the internet/social media to deliver important safety messages to workers relating how to work safely on scaffoldings.

● Pb

In older cities, such as Baltimore, architectural paints for residential housing are known to have historically contained Pb. Some Toronto housing is from the same eras. Past toxicity becomes present-day when old housing stock is renovated.

Resulting Pb-containing dust is of particular concern for children, who are most susceptible. The neurotoxic consequences can be very serious.

Parents who work or practice at shooting ranges may carry Pb-containing dust home on shoes and clothing – unknowingly to their children.

Large industrial fires could possibly cause Pb fallout in the neighbourhood (included in the Sunrise Propane fire would have been two truck batteries). Again children's health is of concern.

We are looking for a means to educate and empower parents to deal with this situation.

For the projects, the student teams would meet with

Clinic personnel three times – in January, February, and March. Our Clinic is involved with three teams of students, and the first meetings have taken place.

One team is working on the Scaffolding project, and another on the Pb project. The third team is working on a variation of the Pb project:

- Pb Advising on what to do with Pb piping under the streets of the older parts of Toronto, after it has been replaced with polymer piping.² ■

Demonstration at MOL.

Linda Vannucci,
Clinic's Lawyer/Director

Injured workers and their supporters, both individuals and union representatives, met in front of 400 University Avenue – wherein are the offices of the Ministry of Labour – to demonstrate their dissatisfaction with a number

of initiatives which supports the Workplace Safety and Insurance Board's efforts to curtail its costs. Since the MOL supports the Board's goal to reduce its unfunded liability, the demonstration was held at the MOL. Injured workers and

various labour leaders spoke and the Minister of Labour, Linda Jeffries, made a brief statement as well.

This is an annual event that has taken place for the past two decades. ■

in the press -

- In *The New York Times* : ***"Recalling [Bangladesh garment factory] Fire's Horror and Exposing Global Brands' Safety Gap / THE HUMAN PRICE First of two articles."*** ²
- Also in *The New York Times* : ***"Certified Safe, Karachi [garment] Factory Quickly Burned / Fatal Pakistan Fire Shows Flaws Behind a Seal of Approval / THE HUMAN PRICE Second of two articles."*** ³
- Also in *The New York Times* : ***"Factory in Bangladesh Lost Fire Clearance Before Blaze / A Dhaka official cites 'weakness' verses a strong industry."*** ⁴
- Also in *The New York Times* : ***"Fire Safety in Garment Factories / Recent deadly fires in Asia show the need to protect the people who make our clothes."*** ⁵
- Also in *The New York Times* : ***"2nd Supplier For Walmart At Factory That Burned [in Bangladesh]."*** ⁶
- Also in *The New York Times* : ***"As Walmart Makes Safety Vows, It's Seen as Obstacle to Change / THE HUMAN PRICE A Checkered Commitment."*** ⁷
- The garment factory fires in Pakistan and Bangladesh have been compared to the Triangle Waist Company factory fire, New York City, 25 March 1911. Noted previously in this *newsletter*: ⁸⁹ In *The New York Times* : ***"A Century Later, the Roll Call of the Dead In a Factory Fire Now Has All 146 Names."*** ¹⁰¹¹¹²¹³¹⁴¹⁵ "... the final six unidentified victims of the Triangle Waist Company factory fire ... influenced building codes, labor laws and politics in the years that followed."

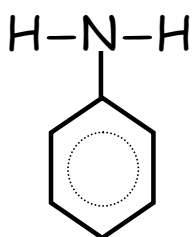
23-29 Washington Place
Manhattan
New York City
25 March 1911

Maria Giuseppa Laletti
Max Florin
Concetta Prestifilippo
Josephine Cammarata
Dora Evans
Fannie Rosen

16

TORONTO WORKERS' HEALTH & SAFETY LEGAL CLINIC

- Also in *The New York Times* : "*James D. Hodgson, 96, [US] Labor Secretary [in the Nixon administration] and Ambassador [to Japan] / A champion of safer workplaces and construction jobs for minority workers.*" ¹⁷ "... Early in his tenure, the Occupational Safety and Health Act of 1970 became law ..."
- Also in *The New York Times* : "*Paper Links Nerve Agents In '91 Gulf War And Ailments.*" ¹⁸
- Also in *The New York Times* : "*Workers' Paradise Lost / The end of labor's powerful grip on Michigan.*" ¹⁹
- Also in *The New York Times* : "*Study of 9/11 And Cancers: No Clear Link.*" ²⁰
- Also in *The New York Times* : "[New York City] Subway Deaths Haunt Those at Train's Controls." ²¹
- Also in *The New York Times* : "*A Cancer Cycle, From Here to China / Companies recklessly stain the ground and water with [aniline] dyes.*" ²² "... Handan ... Changzhi [2013] ..." "... 1856 ... William Henry Perkin ... London ... Basel ... Ruhr Valley ... Cincinnati ... Toms River ..."

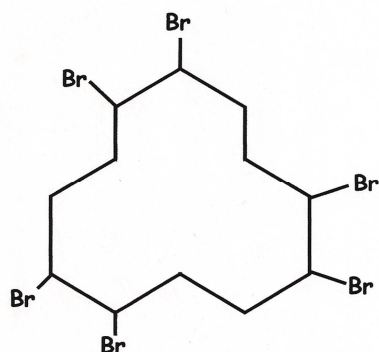


aniline CAS²³ 62-53-3 ^{24 25}

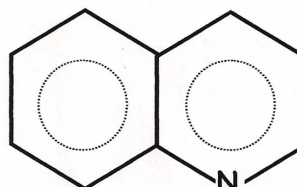
- Previously in this *newsletter*,²⁶²⁷²⁸²⁹³⁰³¹³² notice has been taken of news photos in relation to workplace **personal protective equipment -- protective eyewear?** Lately in *The Globe and Mail* : ³³³⁴³⁵³⁶³⁷
- In *CHEMICAL & ENGINEERING NEWS*, American Chemical Society, Washington, D.C. : "**CANADA DEEMS TWO CHEMICALS TOXIC.**" "Canada has designated hexabromocyclododecane (HBCD), a fire retardant used in polystyrene, and the coal tar component quinoline as toxic. On the basis of scientific studies, the agencies Environment Canada and Health Canada last month determined that HBCD is persistent, bioaccumulative, and toxic to aquatic and

TORONTO WORKERS' HEALTH & SAFETY LEGAL CLINIC

terrestrial invertebrates. HBCD is also potentially harmful to fish and mammals exposed to the substance, they said. ..." ³⁸ 394041



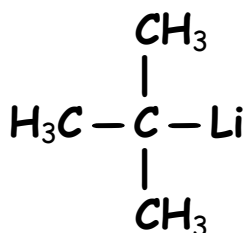
HBCD CAS 3194-55-6 ⁴² ⁴³



quinoline CAS 91-22-5 ⁴⁴ ⁴⁵

● Also in *C&EN* : "CHEMICAL SPILL SLOWS NEW JERSEY TRAIN CRASH PROBE / SECURITY: Bridge and the train itself considered as cause for derailment / Four tank cars ended up in Mantua Creek in Paulsboro, N.J., after a freight train derailed on Nov. 30." ⁴⁶

● Also in *C&EN* : "A HARRAN CASE CLIFF-HANGER / SAFETY: Judge's decision about sending the case to trial is on hold until February 2013." ⁴⁷
"A DEFENSE ATTORNEY request in the felony labor code violation case against University of California, Los Angeles , chemistry professor Patrick G. Harran means a judge's decision on whether the charges are dropped, reduced, or the case goes to trial is on hold until February 2013. ... The charges ... stem from a 2008 fire in his lab that led to the death of 23-year-old researcher ... Sangji was using a syringe to transfer *tert*-butyllithium, which ignites spontaneously in air, when the plunger came out of the syringe barrel and the chemical set Sangji's clothes on fire. ..."

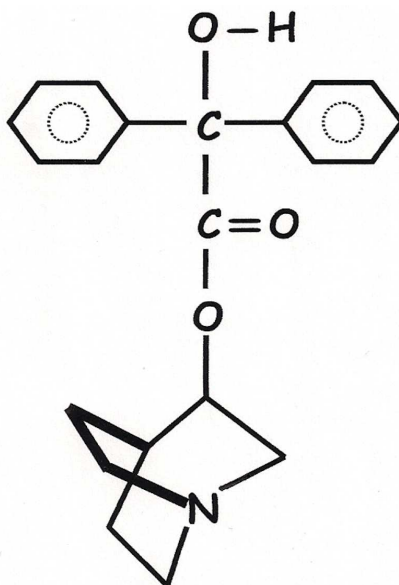


CAS 594-19-4 ⁴⁸ ⁴⁹

● Also in *C&EN* : "E[UROPEAN] U[NION] ADDS [54] CHEMICALS TO HIGH CONCERN LIST" ⁵⁰ ⁵¹ "...Those added to the list include 4-nonylphenol, tetraethyl lead, *n*-propyl bromide, diisopentyl phthalate, and the flame retardant decabromodiphenyl ether. ..."

TORONTO WORKERS' HEALTH & SAFETY LEGAL CLINIC

tested them on thousands of its own soldiers. RAFFI KHATCHADOURIAN reports."³⁶ "*Secrets of the Edgewood Arsenal.*"^{37 38}



3-quinuclidinyl benzilate

BZ

CAS 6581-06-2 ³⁹⁴⁰⁴¹



data added to <http://www.workers-safety.ca/>

[2013 02. Knowledge Sharing Chart -- for Board Manual DOC008.PDF](#)
[2013 02. Using Financial Statements -- for Board Manual DOC007.PDF](#)
[2013 02. What is Knowledge Management -- for Board Manual DOC009.PDF](#)



TORONTO WORKERS' HEALTH & SAFETY LEGAL CLINIC

Workplace fatality, Weston, Ontario, 08 September 1989.



For about two decades this artwork has been on our Clinic's boardroom wall. It was donated by the family of the deceased worker after our participation in the Inquest.



IN MEMORY OF
ALEX HUYNH
BORN APRIL 8, 1958
SIAGON, VIETNAM
DIED SEPTEMBER 8, 1989
WESTON, ONTARIO
IN A WORKPLACE FATALITY

44 ■

NOTES:

case still in progress — *R v [...]*

The writer of this item was also writer of the items on the swing-stage fatality cases in previous issues of this newsletter.

Opinions expressed here, and in previous issues of this newsletter, on the swing-stage fatality cases, are the writer's, and are not necessarily of the Clinic; he may be contacted: d441267@yahoo.ca .

1" case in progress ... -- swing-stage scaffold fatalities --" Vol.20 No.2 pages 10 & 11.

2" case still in progress ... -- swing-stage scaffold fatalities --" Vol.20 No.4 page 5.

3Criminal Code s.539.

1



FOR IMMEDIATE RELEASE

January 10, 2013

2 [This status would still be a litigation issue.]

3 [This would still be a litigation issue.]

February 2013.

4 [This would still be a litigation issue.]

5 [This status would still be a litigation issue.]

6

The Ontario Federation of Labour (OFL) represents 54 unions and one million workers in Ontario. For information, visit www.OFL.ca and follow the OFL on Facebook and Twitter: @OFLabour and follow OFL President Sid Ryan at @SidRyan_OFL

-30-

For further information:
Sid Ryan, OFL President: 416-209-0066 (cell)
Joel Duff, OFL Communications Director: 416-707-0349 (cell) or jduff@ofl.ca
"ENG/FRE"
cop6363

ONTARIO FEDERATION OF LABOUR (OFL) • FEDERATION DU TRAVAIL DE L'ONTARIO
15 Dundas Street East 202, Toronto, Ontario M5G 1R8 Telephone: (416) 411-2721 Fax: (416) 411-1532 Web: <http://www.ofl.ca>

1 United States of America v Shephard [1977] 2 SCR 1067

2 <http://scc.lexum.org/>

3 see in this newsletter:

4 Vol.20 No.4 page 5.

5 Vol.20 No.3 pages 1-4.

6 see in this newsletter: Vol.15 No.3 pages 4-6.

Vol.15 No.4 page 8. ■

MOL Prevention Council. ■

Clinic's funding application. ■

LAO Speciality Clinic Review.

2see in this newsletter mid-July 2012, Vol.20, No.3, page 6.

1 See in this newsletter, Vol.20, No.5.

2 See in this newsletter, Vol.20, No.6.

3 [2000 05 LAO QA](#) ■

ACLCO. ■

veterans

1See in this newsletter :

2.Vol.20, No.6 page8.

3.Vol.20, No.3, page 6.

4. July 2012, Vol. 20, No.2.

5.Oct. 2011, Vol. 19, No.2, page 11.

6."Clinic's Annual General Meeting / veterans issues discussion / 15 June & 07 September 2011," October 2011, Vol. 19, No.2, page 10.

7.Colonel (retired) Pat Stogran, "A Treatise on Benefit of the Doubt for Canadian Veterans," October 2011, Vol. 19, No.2, pages 1→5.

TORONTO WORKERS' HEALTH & SAFETY LEGAL CLINIC

⁸ *Esprit de Corps* Ottawa K1Y 4T3

⁹ <http://www.espritdecorps.ca/>

¹⁰ 6 x \$65.

U of T ESP.

¹See in this newsletter, December 2012, Vol. 20, No.6, page 10.

²See in this newsletter, October 2010, Vol. 18, No. 4, page 11; and references cited therein.

Demonstration at MOL.

in the press -

²**Bangladesh fire** Jim Yardley, "Recalling [Bangladesh garment factory] Fire's Horror and Exposing Global Brands' Safety Gap / THE HUMAN PRICE First of two articles," *The New York Times*, 07 Dec. 2012, pages A1 & A16.

³**Pakistan fire** Declan Walsh & Steven Greenhouse, "Certified Safe, Karachi [garment] Factory Quickly Burned / Fatal Pakistan Fire Shows Flaws Behind a Seal of Approval / THE HUMAN PRICE Second of two articles," *The New York Times*, 08 December 2012, pages A1 & A10.

⁴**Bangladesh fire** (AP), "Factory in Bangladesh Lost Fire Clearance Before Blaze / A Dhaka official cites 'weakness' versus a strong industry," *The New York Times*, 08 December 2012, page A9.

⁵**Fire Safety in Garment Factories** EDITORIAL, "Fire Safety in Garment Factories / Recent deadly fires in Asia show the need to protect the people who make our clothes," *The New York Times*, 10 December 2012, page A24.

⁶**Bangladesh** Steven Greenhouse, "2nd Supplier For Walmart At Factory That Burned [in Bangladesh]," *The New York Times*, 11 December 2012, page A10.

⁷**Walmart** Steven Greenhouse & Jim Yardley, "As Walmart Makes Safety Vows, It's Seen as Obstacle to Change / THE HUMAN PRICE A Checked Commitment," *The New York Times*, 29 December 2012, pages A1 & A6.

8 Triangle Waist Company fire.

⁹ April 2011 Vol. 19 No. 1 page 6.

¹⁰ Joseph Berger, "A Century Later, the Roll Call of the Dead In a Factory Fire Now Has All 146 Names," *The New York Times*, 21 February 2011, pages A13 & A15.

¹¹ <http://www.nytimes.com/2011/02/21/nyregion/21triangle.html>

¹² <http://history1900s.about.com/od/1910s/p/trianglefire.htm>

¹³ http://en.wikipedia.org/wiki/Triangle_Shirtwaist_Factory_fire

¹⁴ <http://www.ilr.cornell.edu/trianglefire/>

¹⁵ - see also : Peter Applebome, "In Newark, Wrestling a Fatal Factory Fire [26 November 1910] From Oblivion," *The New York Times*, 24 Feb. 2011, page A22.

¹⁶ EDITORIAL, "The Fire That Changed Everything," *The New York Times*, 23 Feb. 2011, page A18.

¹⁷**Nixon administration Labor Secretary** Robert D. McFadden, "James D. Hodgson, 96, [US] Labor Secretary [in the Nixon administration] and Ambassador [to Japan] / A champion of safer workplaces and construction jobs for minority workers," *The New York Times*, OBITUARY, 11 December 2012, page A22.

¹⁸**Nerve Agents In '91 Gulf War** James Doa, "Paper Links Nerve Agents In '91 Gulf War And Ailments," *The New York Times*, 14 December 2012, page A18.

¹⁹**Labor in Michigan** Thomas J. Sugrue, "Workers' Paradise Lost / The end of labor's powerful grip on Michigan," *The New York Times*, 14 December 2012, page A29.

²⁰**9/11 & Cancers** Aneoma Hartocollis, "Study of 9/11 And Cancers: No Clear Link," *The New York Times*, 19 December 2012, pages A1 & A29.

²¹**Subway Deaths** Matt Flegenheimer, "[New York City] Subway Deaths Haunt Those at Train's Controls," *The New York Times*, 04 January 2013, pages A1 & A19.

²²**aniline & cancer** Dan Fagin, "A Cancer Cycle, From Here to China / Companies recklessly stain the ground and water with [aniline] dyes," *The New York Times*, 12 January 2013, page A17.

²³ -- re CAS -- see in this newsletter - July 2008. Vol.16, No.03, pages 4-7.

²⁴ **aniline CAS 62-53-3** C₆H₅NH₂ 93.13 g/mol

²⁵ <http://en.wikipedia.org/wiki/Aniline>

26 protective eyewear?

²⁷ April 2011 Vol. 19 No. 1 page 6

²⁸ April 2010, Vol.18 No.2 page 4.

²⁹ Oct. 2010. Vol.18 No.4. page 8.

³⁰ March 2010, Vol.18 No.01, page 2.

³¹ April 2009, Vol.17 No.02, page 5.

³² April 2009, Vol.17 No.02, page 5.

³³ Brent Jang, "THE XX FACTOR / Women thrive where scientists are sought / With a labour shortage in Alberta, there are prime opportunities available. Young girls just need to take advantage of them," *The Globe and Mail*, Toronto, 10 December 2012, page A17.

³⁴ L'ORÉAL CANADA, SPECIAL INFORMATION FEATURE, *The Globe and Mail*, Toronto, 10 Dec. 2012, page A17.

³⁵ www.tgam.ca/education

³⁶ www.en.loreal.ca

³⁷ L'ORÉAL CANADA, SPECIAL INFORMATION FEATURE, *The Globe and Mail*, Toronto, 11 Feb. 2013, page A19.

³⁸ **HBCD & quinoline.** [Cheryl Hogue, Senior Correspondent], "CANADA DEEMS TWO CHEMICALS TOXIC," *CHEMICAL & ENGINEERING NEWS*, 03 Dec. 2012, page 28.

³⁹ www.ec.gc.ca/ToxicSubstancesList-Schedule1

⁴⁰ [Canadian Environmental Protection Act, 1999](http://www.ec.gc.ca/CanadianEnvironmentalProtectionAct,1999)

Canadian Environmental Protection Act, 1999 SC 1999, c. 33.

41

[CEP Act]

Toxic Substances List - Schedule 1

Updated Schedule 1 as of November 21, 2012

1. Chlorobiphenyls that have the molecular formula C₁₂H₉₋₁₀Cl_n in which "n" is greater than 2
2. Dodecachloropentacyclo [5.3.0.0^{2,4}.0^{3,5}.0^{4,6}] decane (Mirex)
3. Polybrominated Biphenyls that have the molecular formula C₁₂H_{10-n}Br_n in which "n" is greater than 2
4. Chlorofluorocarbon: totally halogenated chlorofluorocarbons that have the molecular formula C₂Cl_nF_{2-n}
5. Polychlorinated Terphenyls that have a molecular formula C₁₈H₁₄₋₁₆Cl_n in which "n" is greater than 2
6. Asbestos
7. Lead
8. Mercury and its compounds
9. Vinyl Chloride
10. Bromochlorofluoromethane that has the molecular formula CF₂BrCl
11. Bromotrifluoromethane that has the molecular formula CF₂Br
12. Dibromotetrafluoroethane that has the molecular formula C₂F₄Br₂
13. Fuel containing toxic substances that are dangerous goods within the meaning of section 2 of the Transportation of Dangerous Goods Act, 1992 and that
 - a. are neither normal components of the fuel nor additives designed to improve the characteristics or the performance of the fuel; or
 - b. are normal components of the fuel or additives designed to improve the characteristics or performance of the fuels, but are present in quantities or concentrations greater than those generally accepted by industry standards
14. Dibenzo-para-dioxin that has the molecular formula of C₁₂H₈O₂
15. Dibenzofuran that has the molecular formula C₁₂H₈O
16. Polychlorinated dibenzo-para-dioxins that have the molecular formula C₁₂H_{8-n}O₂Cl_n in which "n" is greater than 2
17. Polychlorinated dibenzofurans that have the molecular formula C₁₂H_{6-n}OCl_n in which "n" is greater than 2
18. Tetrachloromethane (carbon tetrachloride) CCl₄
19. 1,1,1-trichloroethane (methyl chloroform) CCl₃-CH₃
20. Bromofluorocarbons other than those set out in items 10 to 12
21. Hydrobromofluorocarbons that have the molecular formula C₂H₂F_{2-n}Br_{n-2} in which 0 < n < 3
22. Methyl Bromide
23. Bis(Chloromethyl) ether that has the molecular formula C₂H₄Cl₂O
24. Chloromethyl methyl ether that has the molecular formula C₂H₅ClO
25. Hydrochlorofluorocarbons that have the molecular formula C₂H₂F_{2-n}Cl_{n-2} in which 0 < n < 3
26. Benzene that has the molecular formula C₆H₆
27. 1-(4-Chlorophenyl)cyclopropylmethanone, O-(4-nitrophenyl)methylloxime that has the molecular formula C₁₁H₉ClN₂O₂
28. Inorganic arsenic compounds
29. Benzidine and benzidine dihydrochloride, that have the molecular formula C₁₂H₁₂N₄ and C₁₂H₁₂N₄·2HCl, respectively
30. Bis(2-ethylhexyl)phthalate
31. Inorganic cadmium compounds
32. Chlorinated wastewater effluents
33. Hexavalent chromium compounds
34. Creosote-impregnated waste materials from creosote-contaminated sites
35. 3,3'-Dichlorobenzidine
36. 1,2-Dichloroethane
37. Dichloromethane
38. Effluents from pulp mills using bleaching
39. Hexachlorobenzene
40. Inorganic fluorides
41. Refractory ceramic fibre
42. Oxidic, sulphidic and soluble inorganic nickel compounds
43. Polyvinyl aromatic hydrocarbons
44. Tetrachloroethylene
45. Trichloroethylene
46. Tributyltetradecylphosphonium chloride that has the molecular formula C₂₀H₄₄P₂Cl
47. Bromochloromethane, that has the molecular formula CH₂BrCl
48. Acetaldehyde, which has the molecular formula C₂H₄O
49. 1,3-Butadiene, which has the molecular formula C₄H₆
50. Acrylonitrile, which has the molecular formula C₃H_{3.5}N
51. Respirable particulate matter less than or equal to 10 microns
52. Acrolein, which has the molecular formula C₃H₄O
53. Ammonia dissolved in water
54. Nonylphenol and its ethoxylates
55. Effluents from textile mills that use wet processing
56. Inorganic Chloramines, which have the molecular formula NH₂Cl_{n-1}, where n = 0, 1 or 2
57. Ethylene oxide, which has the molecular formula H₂COCH₂
58. Formaldehyde, which has the molecular formula CH₂O
59. N-Nitrosodimethylamine, which has the molecular formula C₂H₅N₂O
60. Gaseous Ammonia, which has the molecular formula NH₃(g)
61. Ozone, which has the molecular formula O₃
62. Nitric oxide, which has the molecular formula NO
63. Nitrogen dioxide, which has the molecular formula NO₂
64. Sulphur dioxide, which has the molecular formula SO₂
65. Volatile organic compounds that participate in atmospheric photochemical reactions, excluding the following:
 - a. methane;
 - b. ethane;
 - c. methylene chloride (dichloromethane);
 - d. 1,1,1-trichloroethane (methyl chloroform);
 - e. 1,1,2-trichloro-1,1,2,2-tetrafluoroethane (CFC-113);
 - f. trichlorofluoromethane (CFC-11);
 - g. dichlorodifluoromethane (CFC-12);
 - h. chlorodifluoromethane (HCFC-22);
 - i. trifluoromethane (HFC-23);
 - j. 1,2-dichloro-1,1,2,2-tetrafluoroethane (CFC-114);
 - k. chloropentafluoroethane (CFC-115);
 - l. 1,1,1-trifluoro-2,2-dichloroethane (HCFC-123);
 - m. 1,1,1,2-tetrafluoroethane (HFC-C-134a);
 - n. 1,1-dichloro-1-fluoroethane (HCFC-141b);
 - o. 1-chloro-1,1-difluoroethane (HCFC-142b);
 - p. 2-chloro-1,1,2,2-tetrafluoroethane (HCFC-124);
 - q. pentafluoroethane (HFC-125);
 - r. 1,1,2,2-tetrafluoroethane (HFC-134);
 - s. 1,1,1-trifluoroethane (HFC-143a);
 - t. 1,1-difluoroethane (HFC-152a);
 - u. perchlorobenzotrifluoride (PCBTF);

TORONTO WORKERS' HEALTH & SAFETY LEGAL CLINIC

v. cyclic, branched or linear completely methylated siloxanes;
w. acetone;
x. perchloroethylene (tetrachloroethylene);
y. 3,3-dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca);
z. 1,3-dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb);
(z.1) 1,1,1,2,3,4,4,5,5,5-decafluoropentane (HFC 43-10mee);
(z.2) difluoromethane (HFC-32);
(z.3) ethylfluoride (HFC-161);
(z.4) 1,1,1,3,3,3-hexafluoropropane (HFC-236fa);
(z.5) 1,1,2,2,3-pentafluoropropane (HFC-245ca);
(z.6) 1,1,2,3,3-pentafluoropropane (HFC-245ea);
(z.7) 1,1,1,3,3-pentafluoropropane (HFC-245eb);
(z.8) 1,1,1,2,3,3-pentafluoropropane (HFC-245f);
(z.9) 1,1,1,2,3,3-hexafluoropropane (HFC-236ea);
(z.10) 1,1,1,3,3-pentafluorobutane (HFC-365mfc);
(z.11) chlorofluoromethane (HCFC-31);
(z.12) 1-chloro-1-fluoroethane (HFC-151a);
(z.13) 1,2-dichloro-1,1,2-trifluoroethane (HCFC-123a);
(z.14) 1,1,1,2,2,3,3,4,4-nonafluoro-4-methoxy-butane (C₄F₉OCH₃);
(z.15) 2-(difluoromethyl)ethyl-1,1,1,2,3,3,3-heptafluoropropane (CF₃)₂CF₂OC₂H₅;
(z.16) 1-ethoxy-1,1,2,2,3,3,4,4-nonafluorobutane (C₂F₉OC₂H₅);
(z.17) 2-(ethoxydifluoromethyl)-1,1,1,2,3,3,3-heptafluoropropane (CF₃)₂CF₂OC₂H₅; and
(z.18) methyl acetate and perfluorocarbon compounds that fall into the following classes, namely:
i. cyclic, branched or linear completely fluorinated alkanes,
ii. cyclic, branched, or linear completely fluorinated ethers with no unsaturations,
iii. cyclic, branched or linear completely fluorinated tertiary amines with no unsaturations, or
iv. sulfur containing perfluorocarbons with no unsaturations and with sulfur bonds only to carbon and fluorine.
66. Hexachlorobutadiene, which has the molecular formula C₄Cl₆.
67. Particulate matter containing metals that is released in emissions from copper smelters or refineries, or from both.
68. Particulate matter containing metals that is released in emissions from zinc plants.
69. Dichlorodiphenyltrichloroethane (DDT), which has the molecular formula C₁₂H₆Cl₅.
70. 2-butoxyethanol, which has the molecular formula C₈H₁₈O₂.
71. 2-methoxyethanol, which has the molecular formula C₄H₁₀O₂.
72. Tetrachlorobenzenes, which have the molecular formula C₆H₂Cl₄.
73. Pentachlorobenzene, which has the molecular formula C₆HCl₅.
74. Carbon dioxide, which has the molecular formula CO₂.
75. Methane, which has the molecular formula CH₄.
76. Nitrous oxide, which has the molecular formula N₂O.
77. Hydrofluorocarbons that have the molecular formula C_nH_{2n-2}F_{2n-2m}, in which 0 < n < 6 and 0 < m < n.
78. The following perfluorocarbons:
a. those that have the molecular formula C_nF_{2n-2} in which 0 < n < 6
b. octafluorocyclobutene, which has the molecular formula C₄F₆.
79. Sulfur hexafluoride, which has the molecular formula SF₆.
80. Methanone, bis[4-(dimethylamino)phenyl]-, which has the molecular formula C₁₆H₂₄N₂O.
81. 2-Butanone, oxime, which has the molecular formula C₄H₈N₂O.
82. n-Butyl glycidyl ether, which has the molecular formula C₈H₁₆O₂.
83. Polybrominated diphenyl ethers that have the molecular formula C₂₀H₁₂₋₁₈Br₂₋₁₀Cl₀₋₂ in which 4 ≤ n ≤ 10.
84. Perfluorooctane sulfonate and its salts.
85. Compounds that contain one of the following groups: C₆F₁₃SO₂, C₆F₁₃SO₃ or C₆F₁₃SO₃N.
86. Methylloxirane, which has the molecular formula C₃H₆O.
87. Ethyloxirane, which has the molecular formula C₂H₄O.
88. Naphthalene, which has the molecular formula C₁₀H₈.
89. Toluene diisocyanates, which have the molecular formula C₉H₈N₂O₂.
90. 1,2-Benzenediol, which has the molecular formula C₆H₆O₂.
91. 1,4-Benzenediol, which has the molecular formula C₆H₆O₂.
92. Hexane, 1,6-dicyanato-, homopolymer, reaction products with alpha-fluoro-omega-2-hydroxyethyl-poly(difluoro-methylene), C16-20-branched alcohols and 1-octadecanol.
93. 2-propenoic acid, 2-methyl-, hexadecyl ester, polymers with 2-hydroxyethyl methacrylate, gamma-omega-perfluoro-C10-16-alkyl acrylate and stearyl methacrylate.
94. 2-propenoic acid, 2-methyl-, 2-methylpropyl ester, polymer with butyl 2-propenoate and 2,5-furandione, gamma-omega-perfluoro-C8-14-alkyl esters, tert-Bu benzene-carboxy peroxide-initiated.
95. 2-propen-1-ol reaction products with pentafluorooxetane tetrafluoroethylene telomer, dehydroiodinated, reaction products with epichlorohydrin and triethylenetetramine.
96. Phenol, 4,4'-(1-methylethylene)bis-, which has the molecular formula C₁₂H₁₀O₂.
97. Thiourea, which has the molecular formula CH₄N₂S.
98. 1,3-Butadiene, 2-methyl-, which has the molecular formula C₅H₈.
99. Oxirane, (chloromethyl)-, which has the molecular formula C₃H₅O.
100. Colour Index Pigment Yellow 34.
101. Colour Index Pigment Red 104.
102. Cyclohexylsiloxane, octamethyl-, which has the molecular formula C₆H₁₂O₂Si₈.
103. Phenol, 2,4,6-tris(1,1-dimethylethyl)-, which has the molecular formula C₁₅H₁₆O.
104. Ethanol, 2-methoxy-, acetate, which has the molecular formula C₅H₁₂O₂.
105. 1-Propanol, 2-methoxy-, which has the molecular formula C₄H₁₀O₂.
106. 2-Naphthalenol, 1-[(4-methyl-2-nitrophenyl)azo]-, which has the molecular formula C₁₇H₁₂N₂O₂.
107. Ethanol, 2-(2-methoxyethoxy)-, which has the molecular formula C₆H₁₄O₃.
108. Sulfuric acid, diethyl ester, which has the molecular formula C₄H₁₀O₆S.
109. Sulfuric acid, dimethyl ester, which has the molecular formula C₂H₆O₆S.
110. Benzenamine, N-phenyl-, reaction products with styrene and 2,4,4-trimethylpentene.
111. 2-Propanamide, which has the molecular formula C₃H₇NO.
112. Ethanol, 2-chloro-, phosphate (3:1), which has the molecular formula C₂H₅Cl₂O₃P.
113. Tributyltins, which contain the grouping (C₄H₉)₃Sn.
114. Tetrabutyltins, which have the molecular formula (C₄H₉)₄Sn.
115. Benzene, (chloromethyl)-, which has the molecular formula C₆H₅Cl.
116. Propane, 2-nitro-, which has the molecular formula C₃H₇NO₂.
117. Benzene, 1-methyl-2-nitro-, which has the molecular formula C₇H₉NO₂.
118. Phenol, 2,6-bis(1,1-dimethylethyl)-4-(1-methylpropyl)-, which has the molecular formula C₁₇H₂₀O.
119. Methylum, [4-(dimethylamino)phenyl]bis[4-(ethylamino)3-methylphenyl]-, acetate, which has the molecular formula C₂₀H₃₀N₄C₂H₃O₂.
120. Chlorinated alkanes that have the molecular formula C_nH_{2n-2}Cl_n in which 10 ≤ n ≤ 20.
121. Benzene, 1,2-dimethoxy-4-(2-propenyl)-, which has the molecular formula C₁₁H₁₄O₄.
122. Vanadium pentoxide, which has the molecular formula V₂O₅.
123. Oxirane, 2,2',2''-[1,2-ethanediyldiene]tris(4-(1-phenylethoxy)methylene)tetraakis-, which has the molecular formula C₂₈H₃₈O₆.
124. Bromic acid, potassium salt, which has the molecular formula KBrO₃.
125. Polychlorinated naphthalenes, which have the molecular formula C₁₀H_{6-n}Cl_n, in which "n" is greater than 1.

126. Hydrazine, which has the molecular formula N₂H₄.
127. Hexabromocyclododecane, which has the molecular formula C₁₂H₁₈Br₆.
128. Quinoline, which has the molecular formula C₈H₇N.

42 C₁₂H₁₈Br₆ 641.7 g./mol.
CAS 3194-55-6
1,2,5,6,9,10-Hexabromocyclododecane

43 <http://en.wikipedia.org/wiki/Hexabromocyclododecane>

44 C₉H₇N 129.16 g/mol.
CAS 91-22-5 Quinoline

45 <http://en.wikipedia.org/wiki/Quinoline>

46 New Jersey Train Crash Glenn Hess, "CHEMICAL SPILL SLOWS NEW JERSEY TRAIN CRASH PROBE / SECURITY: Bridge and the train itself considered as cause for derailment / Four tank cars ended up in Mantua Creek in Paulsboro, N.J., after a freight train derailed on Nov. 30," C&EN, 10 December 2012, page 10.

47 tert-butyl lithium. Jyllian Kemsley & Michael Torrice, "A HARRAN CASE CLIFF-HANGER / SAFETY: Judge's decision about sending the case to trial is on hold until February 2013," C&EN, 24 December 2012, page 6.

48 1,1-dimethylethyl Lithium (CH₃)₃-C-Li
CAS 594-19-4 64.055 g/mol.
49 See in this newsletter Vol.20 No.6 page 13.

50 EUROPEAN UNION ADDS CHEMICALS TO LIST [Cheryl Hogue, Senior Correspondent], "EUROPEAN U[N]ION ADDS [54] CHEMICALS TO HIGH CONCERN LIST," C&EN, 24 December 2012, page 15.
51 <http://bit.ly/U9SS1q>

52 lab safety Jyllian Kemsley, C&EN WEST COAST NEWS BUREAU, "SURVEY EXPOSES SAFETY GAPS / Researchers reveal TROUBLING PRACTICES and perceptions in laboratories," C&EN, 21 January 2013, pages 30 & 31.

53 Pb [Jeff Johnson, Senior Correspondent], "LEAD EXPOSURE LIMITS ARE INADEQUATE / Lead levels at military firing ranges far exceed standards," C&EN, 10 December 2012, page 36.
1 See in this newsletter: "some possible chemical & physical exposures in veterans' health claims / ... lead 82Pb²⁰⁷," July 2012 Vol.20 No.2 pages 2 & 3.

2 82 = atomic number.
Pb = lead.
[Xe]4f¹⁴5d¹⁰6s²6p² = electron configuration.
207.2 = atomic mass (g/mol).

3 American Chemical Society - Periodic Table American Chemical Society, Washington, DC, 20036. <http://acswcontent.acs.org/games/pt.html>
<http://portal.acs.org/portal/acs/corg/content>
4 Interactive Chart of Nuclides -- National Nuclear Data Center, Brookhaven National Laboratory Upton, New York, 11973-5000

<http://www.nndc.bnl.gov/chart/>

5 Pb -- see in this newsletter :
6 "Energy efficient lights help Canada go green & save the environment --- but what about the toxic mercury in them." July 2007 Vol.15 No.03 page 1, et seq. Also: corrections February 2009 Vol. 17 No.1 page 12.
7 "Recalled lead-containing painted toys - what about the workers?" November 2007 Vol.15 No.04 page 9, et seq.
8 "Lead & Ontario workers & their children?" July 2008 Vol.16 No.03 page 8.
9 "Sunrise Propane" Sept. 2008 Vol.16 No.04 page 3.
10 June 2009 Vol. 17 No.3 page 4.
11 September 2009 Vol. 17 No. 4 page 5.
12 April 2010 Vol. 18 No. 2 page 5.
13 October 2010, Vol.18, No.4, pages 6 & 7, "DESIGNATED SUBSTANCES / under the Occupational Health & Safety Act. / legislation citation data" : ONTARIO REGULATION 490/09 DESIGNATED SUBSTANCES
14 July 2012 Vol. 20 No. 2 pages 2 & 3.

15 <http://www.e-laws.gov.on.ca/navigation?file=home&lang=en>

16 Pb -- see also :
• 2009 / TLVs® and BEIs® / Based on the Documentation of the Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices; ACGIH®; Signature Publications; ISBN: 978-1-882417-95-7; © 2009; 256 pages.
17 American Conference of Governmental Industrial Hygienists, 1330 Kemper Meadow Drive, Cincinnati, Ohio, 45240-4148; 513 742 2020. <http://www.acgih.org/home.htm>
18 -- at page 37 - "ADOPTED VALUES": "...Lead [7439-92-1] and inorganic compounds, as Pb ... [time-weighted average =TWA [see page 255] =] ... 0.05 mg/m³ ..."
19 Adria Vasil, "ecoholic / ... We have old lead paint peeling off our window frames. What's the safest way to remove it?," NOW, Toronto, 6-12 Aug. 2009, page 21.
20 Christopher Boeden, Beijing, Associated Press, "Parents clash with police over lead poisoning of children [in China]," The Globe and Mail, Toronto, 18 August 2009, page A10. Also reported as Beijing, AP "Lead Poisoning Of Children In China Leads to Disturbance," The New York Times, 18 August 2009, Page A7.
21 Jim Haner, Sun Staff, "Studies suggest link between lead, violence / Experiment on rats indicates exposure hinders brain growth; Analysis tracks lead, crime," Baltimore Sun, 09 May 2000. <http://www.baltimoresun.com/>
<http://www.baltimoresun.com/news/maryland/lead-lead09may09.0552406.full.story>
22 http://en.wikipedia.org/wiki/Lead_poisoning
23 <http://www.cdph.state.co.us/dc/OH/shooting.html>
24 <http://infohouse.p2ric.org/ref/07/06040.htm>
25 <http://www.warrelatedillness.va.gov/education/exposures/lead.asp>
26 Adria Vasil, "ecoholic / ... We have old lead paint peeling off our window frames. What's the safest way to remove it?," NOW, Toronto, 6-12 Aug. 2009, page 21.
27 http://en.wikipedia.org/wiki/Blood_lead_level
28 Mary Ann Wilson, Michael V. Johnston, Gary W. Goldstein, and Mary E. Blue; "Neonatal lead exposure impairs development of rodent barrel field cortex," Proceedings of the National Academy of Sciences of the United States of America, PNAS 2000 97:5540-5545. <http://www.pnas.org/>

TORONTO WORKERS' HEALTH & SAFETY LEGAL CLINIC

<http://www.pnas.org/content/97/10/5540.full?sid=8abfee69-c7f1-4c79-9a40-39c94c64d031>

<http://www.pnas.org/content/97/10/5540.abstract?sid=8abfee69-c7f1-4c79-9a40-39c94c64d031>

²⁹•Felicity Barringer, "Groups Seek Ban on Lead In Sporting Ammunition," *The New York Times*, 03 August 2010, page A15.

³⁰•EDITORIAL, "The Bullet That Keeps On Killing," *The New York Times*, 13 Sept. 2010, page A28.

³¹•Timothy Williams, "Racial Bias Seen in Study of Lead Dust and Children," *The New York Times*, 16 September 2011, page A11. "A class-action lawsuit was filed ... against [Kennedy Krieger,] a prominent Baltimore medical institute, accusing it of knowingly exposing black children as young as a year old to lead poisoning in the 1990s as part of a study exploring the hazards of lead paint ..."

³²•*Armstrong v Kennedy Krieger Institute, Inc.*; IN THE UNITED STATES DISTRICT COURT FOR THE DISTRICT OF MARYLAND, NORTHERN DIVISION; 27 April 2012.

<http://docs.justia.com/cases/federal/district-courts/maryland/mddc/1:2011cv03380/196093/51/>

³³ **Pb in New York City housing.** Douglas Martin, "Dr. John Rosen, 77; Pushed to Prevent Lead Poisoning / A pediatrician who sounded an alarm on a substance's dangers, even in small doses," *The New York Times*, OBITUARY, 17 December 2012, page A19.

³⁴ **Pb & Children in Nigeria.** Donald G. McNeil, Jr., "Nigeria: Money Promised to Clean Up Lead That Killed Hundreds of Children," *The New York Times*, World Briefing, 30 January 2013, page A10.

³⁵**Cold War chemical weapons testing on soldiers** Raffi Khatchadourian, "A REPORTER AT LARGE / OPERATION DELIRIUM / Decades after a risky Cold War experiment, a scientist lives with secrets," *THE NEW YORKER*, 17 Dec. 2012, pages 46 → 64..

³⁶cover page panel.

³⁷page 2.

³⁸ www.newyorker.com

³⁹ $C_{21}H_{23}NO_3$ 337.41 g/mol

CAS 6581-06-2

⁴⁰www.epa.gov/oppt/aegl/pubs/bz_interim.pdf

⁴¹www.en.wikipedia.org/wiki/Agent_15 ■

data added to <http://www.workers-safety.ca/> ■

Workplace fatality, Weston, Ontario, 08 Sept. 1989.

⁴⁴See in this newsletter : "STOP WORK? CORONER'S JURY SAYS NO, NOT EVEN IF WORKERS' LIVES DEPEND ON IT!" December 1991, Vol. 1, No.4, pages 1 & 2.

[1991_Vol_01_No_4_page_1.gif](#)

[1991_Vol_01_No_4_P_2_1.pdf](#) ■

for future issues:

- *Maquila*. www.maquilasolidarity.org
- Canadian federal OH&S inspections.*
- US Chemical Safety & Hazard Investigation Board.
- more on Advisory Panel on OH&S.
- topic revisited—Ministry of Labour library. **
- book review: *Occupational Health & Safety-Theory, Strategy & Industry Practice, 2nd Edition.* ***

* David Macdonald, *Success is No Accident / Declining Workplace Safety Among Federal Jurisdiction Employers*, CANADIAN CENTRE for POLICY ALTERNATIVES, Ottawa K1P 5E7; 27 April 2010; ISBN 978-1-897569-88-7

<http://www.policyalternatives.ca/>

<http://www.policyalternatives.ca/publications/reports/success%20is%20no%20accident>

http://www.policyalternatives.ca/sites/default/files/uploads/publications/reports/docs/Success%20is%20No%20Accident_0.pdf

"Report blasts federal workplace inspection," *Canadian Occupational Health & Safety News*, 03 May 2010, Vol.33, No.17, pages 1 & 2.

** See in this newsletter Vol. 15 No.4.

*** LexisNexis

<http://www.lexisnexis.ca/bookstore/bookinfo.php?pid=2089> ■

Published by:

Toronto Workers' Health & Safety Legal Clinic

180 Dundas Street West

Suite 2000, Box 4

Toronto, Ontario, Canada. M5G 1Z8

416 971 8832 fax416 971 8834

<http://www.workers-safety.ca/>

(PLEASE CALL THE CLINIC IF YOU WOULD LIKE TO RECEIVE OUR NEWSLETTER VIA e-MAIL)

This clinic is one of a system of community legal clinics; it receives most of its financing from LEGAL AID ONTARIO.

Don't agree with opinions here? Or want to comment otherwise? Send your manuscript to: TWH&SLC -- newsletter.

©MMXIII.

newsletter.

TWH&SLC.

each opinion item:

the writer.

Permission to reproduce whole items is granted *gratis* for one year for non-profit use only provided no changes are made and the copyright holder is identified and notified in advance.

not legal advice. This newsletter includes information considered correct and up-to-date according to its context. It also contains opinions. But nothing here should be taken as legal advice. Legal advice should be obtained from professional counsel, which might include our Clinic's lawyers, when acting on a lawyer-client basis.

Errors and misstatements happen, although we try to be careful and strive for accuracy. We would try to correct as soon as possible. Please let us know if you see any needed corrections or explanations.