

Black Ink Room

Spills and Accidental Release, Emergency Response, and Emergency Planning and Hazard Communication Chapters Addendums

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BI – 1 Emergency Contacts

Emergency notification of spills and accidental chemical releases

1. Wisconsin DNR 24-hour Emergency Hotline: 800-943-0003
2. National Response Center: 800-424-8802
3. LEPC: contact your county Emergency Management Office at http://emergencymanagement.wi.gov/counties/county_directors.asp

Wisconsin DNR Regional Spill Coordinators—map and contact information also available on the DNR's *How to report a spill* web page: <http://dnr.wi.gov/topic/spills/report.html>

On the *How to report a spill* webpage, in the Related Links section is a link to a PDF of the regional coordinators and a map of their coverage areas:
<http://dnr.wi.gov/topic/Spills/documents/coordinators.pdf>

Wisconsin Emergency Management (WEM):

2400 Wright Street
PO Box 7865
Madison WI 53707-7865
Phone: 608-242-3000
<http://emergencymanagement.wi.gov/>

WEM lists specific contacts for the EPCRA requirements at:
<http://www.emergencymanagement.wi.gov/EPCRA/contacts.asp>

Also, for help on WHOPRS reporting system:
<https://whoprs.wisconsin.gov/HelpDesk.asp>

BI – 2 EHS list with RQ and TPQ

EPA publishes a list of the Extremely Hazardous Substances, hazardous substances, and toxic chemicals that fall under EPCRA regulations, called the “Title III List of Lists: Consolidated List of Chemicals Subject to the Emergency Planning and Community Right-To-Know Act (EPCRA) and Section 112(r) of the Clean Air Act, as Amended.” The list is available online:

<https://www.epa.gov/epcra/epcracerclacaa-ss112r-consolidated-list-lists-march-2015-version>

EPA’s web site contains links to searchable versions of the chemical list in database and Excel formats.

The following is a list of common substances found at printing facilities:

Examples of hazardous substances used by printers with chemical-specific Reportable Quantities² and Threshold Planning Quantities³

Chemical	Potential sources	CAS #¹	RQ (lbs)²	TPQ (lbs)³
Acetone	some cleaning solutions, ink jet inks and ink jet head cleaners	67-64-1	5000	
Ammonia	Water-based inks and coatings	7664-41-7	100	500
Barium*	Some red pigments	7440-39-3	N/A	
Benzene (including benzene in gasoline)	Trace contaminant in some cleaning solvents, namely, aromatic hydrocarbon blends	71-43-2	10	
n-Butyl alcohol	Flexo/gravure ink solvent	71-36-3	5000	
Cadmium & compounds	Some orange, red, and yellow pigments	7440-43-9	10	
Chromium (hexavalent) & compounds	Film cleaners, some fountain solutions, gravure cylinder preparation and some brown, orange, and red pigments	7440-47-3	5000	
Cobalt & compounds	Sheetfed offset ink catalyst for drying	7440-48-4	N/A	
Copper & compounds	Some blue and green pigments, component in some water-based coatings	7440-50-8	5000	
Cumene	Component in some cleaning solvents containing aromatic hydrocarbon blends	98-82-8	5000	
Cyclohexane	Component in some cleaning solvents, component in spray adhesive	110-82-7	1000	
Dibutyl phthalate	Plastcizer in some inks and coatings	84-74-2	10	
Diethanolamine	Film developer	111-42-2	100	
Diethylene glycol dimethyl ether	Component in some cleaning solvents, fountain solution additive – IPA substitute	111-96-6	N/A	
Diethylene glycol butyl ether	Component in some cleaning solvents, fountain solution additive – IPA substitute	112-34-5	N/A	
Diethylene glycol ethyl ether	Component in some cleaning solvents, fountain solution additive – IPA substitute	111-90-0	N/A	
Diethylene glycol methyl ether	Component in some cleaning solvents, fountain solution additive – IPA substitute	111-77-3	N/A	
2-Ethoxyethanol	Cleaning solvents, water-based inks and coatings	110-80-5	1000	

Chemical	Potential sources	CAS # ¹	RQ (lbs) ²	TPQ (lbs) ³
Ethyl benzene	Component in some cleaning solvents containing aromatic hydrocarbon blends, flexo/gravure water & solvent-based inks	100-41-4	1000	
Ethylene glycol dimethyl ether	Component in some cleaning solvents, fountain solution additive – IPA substitute	110-71-4	N/A	
Ethylene glycol butyl ether	Component in some cleaning solvents, fountain solution additive – IPA substitute	111-76-2	N/A	
Ethylene glycol ethyl ether acetate	Component in some cleaning solvents, fountain solution additive – IPA substitute	110-80-5	N/A	
Ethylene glycol methyl ether	Component in some cleaning solvents, fountain solution additive – IPA substitute	109-86-4	N/A	
Ethylene glycol propyl ether	Component in some cleaning solvents, fountain solution additive – IPA substitute, some water-based coatings	2807-30-9	N/A	
Ethylene glycol	Fountain solution additive - IPA substitute, component in copper plating solution, flexo/gravure water & solvent-based inks	107-21-1	5000	
Formaldehyde	Some film developing chemistry	50-00-0	100	500
Glycol ethers & their acetates	Component in some cleaning solvents, fountain solution additive - IPA substitute, flexo/gravure water & solvent-based inks, litho plate developers, component in glass cleaner	xx-xx-x		
Hexane	Component in some cleaning solvents, component in film cleaner, component in spray adhesive, flexo/gravure solvent-based inks	110-54-3	5000	
Hydrochloric acid (hydrogen chloride)	Muratic acid--maintenance area, component in copper plating solution	7647-01-0	5000	
Hydroquinone	Film developing chemistry	123-31-9	100	500
Isophorone	Screen printing ink solvent	78-59-1	5000	
Lead chromate	Some yellow pigments	7758-97-6	N/A	
Manganese & compounds	Sheetfed offset ink catalyst for drying, some red and white pigments	7439-96-5	N/A	
Methanol	Component in some cleaning solvents, ink jet ink solvent, component in stay open-ink drying retardant, component in compressed propane, solvent in some adhesives, flexo/gravure solvent-based inks	67-56-1	5000	
2-Methoxyethanol	Component in some cleaning solvents, fountain solution additive – IPA substitute	109-86-4	N/A	
Methyl chloroform - 1,1,1-trichloroethane	Component in stay open-ink drying retardant, solvent in some adhesives, component in some cleaning solvents, component in various maintenance products	71-55-6	1000	
Methyl ethyl ketone	Component in some cleaning solvents, ink jet ink solvent, flexo/gravure solvent-based inks	78-93-3	5000	
Methyl isobutyl ketone	Component in some cleaning solvents	108-10-1	5000	

Chemical	Potential sources	CAS # ¹	RQ (lbs) ²	TPQ (lbs) ³
Methylene chloride	Component in some cleaning solvents, copper plating solution, component in blanket fix, component in film cleaner	75-09-2	1000	
Naphthalene	Component in some cleaning solvents containing aromatic hydrocarbon blends	91-20-3	100	
Nitric acid	Component in some cleaners	7697-37-2	1000	1000
Phosphoric acid	Component in fountain solution concentrate, component in some cleaning solutions	7664-38-2	5000	
Perchloroethylene	Component in film cleaner, component in some lubricants, some flexo plate developers	127-18-4	100	
Phenol	Some film & plate developing chemistry	108-95-2	1000	500
Propylene oxide	Component in some inks	75-56-9	100	10000
Sulfuric acid	Battery acid	7664-93-9	1000	1000
Toluene	Component in some cleaning solvents, publication rotogravure ink solvent	108-88-3	1000	
Toluene diisocyanates	Flexo/gravure water & solvent-based inks	26471-62-5	100	
Vinyl acetate	Component in some adhesives	108-05-4	5000	1000
Xylenes (isomers & mixture)	Component in some cleaning solvents, component in stay open-ink drying retardant, flexo/gravure ink solvent	1330-20-7	100	
Zinc & compounds	Component in water-based coatings, component in some lubricants, some white pigments	7646-85-7	1000	

¹ Chemical Abstracts Service registry number.

² Reportable Quantity (RQ)—for spill reporting. For chemicals that are CERCLA hazardous substances, spills and releases in amounts equal to or exceeding the RQ are subject to the Emergency Release Notification requirements in EPCRA section 304 (i.e., reporting to National Response Center and LEPC in addition to WDNR/WEM).

³ Threshold Planning Quantity (TPQ)—For the 356 Extremely Hazardous Substances (EHS) that are subject to EPCRA sections 302/303 and 304, the presence of EHSs in quantities exceeding the TPQ requires certain emergency planning activities to be conducted.

BI – 3 WEM Emergency Planning Notification Fee Statement (form # DMA 1003)

Emergency Planning Notification Fee Statement, Wisconsin Emergency Management form DMA 1003, available online at http://www.emergencymanagement.wi.gov/EPCRA/forms/2017_Emergency_Planning_Notification.pdf

Emergency Planning Notification Submission (Check one): Original Amended Page 1 of 3

2017 Emergency Planning Notification (EPN)				WISCONSIN EMERGENCY MANAGEMENT DMA 1003 (R12-16) Wis. Stat. 323.60	
¹ Facility Identification					
WEM Facility ID #		Owner's Federal Employer ID # (EIN)		Is this a federal or federally recognized tribal facility? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Facility Name			Facility Contact Name		If FARM, check primary activity: <input type="checkbox"/> Crops <input type="checkbox"/> Livestock
Facility Street Address			County	City	Zip
Municipality	Fire Department		Total full-time equivalent employees employed within Wisconsin by this owner/operator when the threshold quantity was exceeded: _____		
Latitude	Longitude	Facility E-mail		Facility Phone Number ()	
<input type="checkbox"/> Manned <input type="checkbox"/> Unmanned	Maximum Number of Occupants (If manned): _____	2012 NAICS Code		Dun & Bradstreet No.	
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)?				<input type="checkbox"/> Yes <input type="checkbox"/> No	
Subject to Chemical Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Management Program)?				<input type="checkbox"/> Yes <input type="checkbox"/> No	
RMP Facility ID (Required if "Yes" is selected): _____					
Subject to Toxic Release Inventory under Section 313 of EPCRA (40 CFR part 372)?				<input type="checkbox"/> Yes <input type="checkbox"/> No	
TRI Facility ID (Required if "Yes" is selected): _____					
² Mailing Address <input type="checkbox"/> Check if same as facility address					
Company			Attn:		
Street			City	State	Zip
³ Owner or Operator Information <input type="checkbox"/> Check if same as facility address <input type="checkbox"/> Check if same as mailing address					
Owner Name			Attn:		
Street			City	State	Zip
Phone ()			E-mail		
⁴ Parent Company Information (Optional)					
Company Name			Attn:		
Street			City	State	Zip
Country	Phone ()	E-mail		Dun & Bradstreet #	

BI – 4 Inventory Fee Statement (WEM form DMA 1004) AND Wisconsin Tier Two Emergency and Hazardous Chemical Inventory (WEM form DMA 1005)

Inventory Fee Statement, Wisconsin Emergency Management form DMA 1004 and instructions, AND Wisconsin Tier Two Emergency and Hazardous Chemical Inventory, WEM form DMA 1005 and instructions, available in a **single document** online at: http://www.emergencymanagement.wi.gov/EPCRA/forms/2016-17_Tier_II_Emergency_Hazardous_Chemical_Invent.pdf or file online through <https://whopr.wisconsin.gov/>.

Check if information below is identical to the information submitted last year Page 1 of 5

2016 Tier II Emergency and Hazardous Chemical Inventory Reporting Period: January 1 to December 31, 2016				WISCONSIN EMERGENCY MANAGEMENT DMA 1004 & 1005 (R12-16) Wis. Stat. 323.60	
¹ Facility Identification					
WEM Facility ID #		Submission Type (Select One): <input type="checkbox"/> Annual <input type="checkbox"/> Revision		Is this a federal or federally recognized tribal facility? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Facility Name			Facility Contact Name		Facility Phone Number ()
Facility Street Address		County	City	State	Zip
Municipality	Total full-time equivalent employees employed within Wisconsin, by this owner/operator during 2016: _____			Facility E-mail	
Fire Department	Latitude	Longitude		Owners Federal Employer ID # (EIN)	
<input type="checkbox"/> Manned <input type="checkbox"/> Unmanned	Maximum Number of Occupants (if manned)	NAICS Code		Dun & Bradstreet No.	
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)?				<input type="checkbox"/> Yes <input type="checkbox"/> No	
Subject to Chemical Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Management Program)?				<input type="checkbox"/> Yes <input type="checkbox"/> No	
RMP Facility ID (Required if "Yes" is selected): _					
Subject to Toxic Release Inventory under Section 313 of EPCRA (40 CFR part 372)?				<input type="checkbox"/> Yes <input type="checkbox"/> No	
TRI Facility ID (Required if "Yes" is selected): _					
² Mailing Address <input type="checkbox"/> Check if same as facility address					
Company			Attn:		
Street Address			City	State	Zip
³ Owner or Operator Information <input type="checkbox"/> Check if same as facility address <input type="checkbox"/> Check if same as mailing address					
Owner Name			Attn:		
Street Address			City	State	Zip
Country	Phone ()		E-mail		
⁴ Parent Company Information (Optional)					
Company Name			Attn:		
Street Address			City	State	Zip
Country	Phone ()		E-mail	Dun & Bradstreet #	

**BI – 5 EPA Form R, the Toxic Chemical Release Inventory Reporting form,
and Form A (the short form)**

EPA's web site, at <https://www.epa.gov/toxics-release-inventory-tri-program> gives the background of the Toxic Chemical Release Inventory along with links to reporting forms and the TRI Made Easy software (TRI-ME) for online submission of reports.

- EPA's Emergency Planning and Community Right-to-Know Hotline is 800-424-9346, select option #3 from menu. The EPCRA Call Center is a toll free number for answers and guidance to questions about completing the TRI (EPCRA section 313) forms.
- Submit online using the TRI Made Easy software (TRI-ME), go to <https://www.epa.gov/toxics-release-inventory-tri-program/electronic-submission-tri-reporting-forms> for tutorials, links to start a new CDX account, etc.

BI – 6 Web Resources

WDNR Spills Program—<http://dnr.wi.gov/topic/Spills/>

WDNR Spill Reporting information—available online from DNR at <http://dnr.wi.gov/topic/Spills/Report.html>

OSHA’s hazardous waste regulations—OSHA makes information and tools available on the Hazardous Waste section of its website, <http://www.osha.gov/SLTC/hazardouswaste/index.html>.

Emergency Action Plans—

- OSHA has a web site summarizing the regulations related to Emergency Preparedness and Response, at <https://www.osha.gov/SLTC/emergencypreparedness>.
- OSHA provides some online tools for compiling your own Emergency Action Plan, at <http://www.osha.gov/SLTC/etools/evacuation/eap.html>.

Emergency response—OSHA has information and details about the regulations, along with online tools, available on the Hazardous Waste section of its web site, at <http://www.osha.gov/SLTC/hazardouswaste/index.html>.

HAZCOM—OSHA has resources on its web site, at <https://www.osha.gov/dsg/hazcom/index.html>, to assist employers with developing their Hazard Communication Programs.

HAZWOPER—OSHA’s Safety and Health Topics: Hazardous Waste web site, at <http://www.osha.gov/SLTC/hazardouswaste/index.html>, contains a directory of links to additional information about the HAZWOPER standard; including:

- OSHA’s HAZWOPER FAQs (at <http://www.osha.gov/html/faq-hazwoper.html>)
- a HAZWOPER factsheet and flow chart
- other online tools

EPA’s Emergency Response web site contains links to additional resources: <https://www.epa.gov/emergency-response>

The Oregon Occupational Safety & Health Division publishes a useful book, “HAZWOPER: a planning guide for the perplexed,” online at <http://osha.oregon.gov/OSHAPubs/2117.pdf>.

The National Response Team’s “Hazardous Materials Emergency Planning Guide” (NRT-1) is also available from EPA, at <https://www.epa.gov/emergency-response/nrt-1-hazardous-materials-planning-guide>

Spill Prevention, Control and Countermeasure (SPCC) Plans—EPA has multiple web sites with information:

- <https://www.epa.gov/oil-spills-prevention-and-preparedness-regulations/overview-spill-prevention-control-and>
- <https://www.epa.gov/oil-spills-prevention-and-preparedness-regulations/facility-owneroperators-guide-oil-pollution>,
- <https://www.epa.gov/oil-spills-prevention-and-preparedness-regulations/spcc-guidance-regional-inspectors>, which has sample checklists for certain industries as well as other policy documents