

Company: Century Aluminum Of Kentucky, LLC  
P.O. Box 500  
Hawesville KY 42348

### SARA 313 Component Inventory Detail Report Reporting Year 2011

The following chemicals in your facility are listed on the SARA 313 Listing by component name. Consumption data provided by your facility is also listed.

The following chemicals are **otherwise used** by your facility. A Form R should be completed for all chemicals with consumption levels exceeding **10000** pounds.

#### Component: 1,1-dichloro-1-fluoroethane

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
CONTACT CLEANER 2000	CRC CHEMICALS/INDUSTRIES, INC.	5/21/1996	CLNR-2000	511	N		96.00	490

Component Total: 490

#### Component: 1,2,4-trimethylbenzene

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
MARATHON REGULAR UNLEADED GASOLINE	MARATHON PETROLEUM CO.	12/7/2010	71347120	90,136	Y	0.90	4.50	4,056

Component Total: 4,056

#### Component: 1-butanol

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
KRYLON OSHA COLORS SAFETY YELLOW 1813	SHERWIN-WILLIAMS/KRYLON PRODUCTS GROUP	12/2/2003	70971668	96	N		1.00	1
KRYLON 1501 INT/EXT GLOSSY WHITE	KRYLON (1)	9/5/1997	70971692	13	N		2.00	0

Component Total: 1

*Note: If "Y" appears in the "Rng" (Range) column, the percentage of mix for this component is listed on the MSDS as a range. The minimum and maximum percentages are given, if known, but the calculations assume the maximum percentage. It may be necessary to recalculate the YTD quantity used after verifying the actual percentage with the manufacturer.*

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#### Component: 1-chloro-1,1,2,2-tetrafluoroethane

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
SUVA 124	DUPONT (1)	10/20/1995	71315097	540	N		5.00	27

Component Total: 27

#### Component: 2-chloro-1,1,1,2-tetrafluoroethane

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
SUVA 124	DUPONT (1)	10/20/1995	71315097	540	N		94.70	511

Component Total: 511

#### Component: aliphatic alcohols(1)

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
KROIL	KANO LABORATORIES, INC.	6/7/2009	KROIL	2,925	Y	1.00	5.00	146

Component Total: 146

#### Component: aluminium oxide

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
MORCOSET 50, 50 FIRM & 50 DIPPING	MISSOURI REFRACTORIES, INC.	3/5/2008	9569	12,000	Y	45.00	48.00	5,760

Component Total: 5,760

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#### Component: aluminum

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
METAL-COR 6L WELDING WIRE	HOBART BROTHERS COMPANY	5/8/2008	1000004281	14,400	Y	0.00	5.00	720
HOBART BROTHERS 811N2 WELDING WIRE	ITW HOBART BROTHERS (1)	5/8/2008	71238372	3,498	Y	0.00	3.00	105
ESAB ALL-STATE BARE ALUMINUM 4043 WIRE	ESAB GROUP, INC. (1)	1/31/2008	E4043	438	Y	94.00	96.00	420
PALCO 450	PRECISION ALLOYS COMPANY	3/20/2007	PAL450	10	Y	5.00	10.00	1

**Component Total:** 1,246

#### Component: aluminum and aluminum alloys

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
INNERSHIELD NS-3M ALL SIZES	LINCOLN ELECTRIC CO.	3/7/2008	70977913	1,000	Y	0.00	5.00	50

**Component Total:** 50

#### Component: aluminum and/or aluminum alloys

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
OUTERSHIELD 71M AND 71M-H	LINCOLN ELECTRIC CO.	10/21/2005	71M	700	Y		0.50	4

**Component Total:** 4

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#### **Component: aluminum oxide**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
DURALUM	WASHINGTON MILLS ELECTRO MINERALS CORP.	9/1/2008	70997788	6,000	Y	92.00	99.00	5,940
MORCOCAST 45-28 SF-0	MISSOURI REFRACTORIES COMPANY INC.	5/11/2004	8001720	76,800	Y	43.00	45.00	34,560
WHITEBLAST	STRATEGIC MATERIALS, INC.	4/19/1995	9562	44,000	Y	0.20	0.40	176
<b>Component Total:</b>								40,676

#### **Component: aluminum oxide (alumina)**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
UNI-PLAS 85ESS	UNITED REFRACTORIES CO.	1/20/2004	70995683	37,560	Y	0.00	100.00	37,560
<b>Component Total:</b>								37,560

#### **Component: antimony**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
ACID FLUX CORED SOLDER	KESTER SOLDER	10/15/1996	ACIDFLUX	2	Y		100.00	2
<b>Component Total:</b>								2

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#### Component: aqua ammonia

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
BAFCO FILM FREE GLASS CLEANER	BARRET-FISHER CO., INC.	4/17/1998	GLASSCLN	29	Y		5.00	1

**Component Total:** 1

#### Component: benzene

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
MARATHON REGULAR UNLEADED GASOLINE	MARATHON PETROLEUM CO.	12/7/2010	71347120	90,136	Y	0.45	3.20	2,884

**Component Total:** 2,884

#### Component: carbon tetrachloride

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
U-PRIME, UNIVERSAL PRIMER 282,284,285	PORTER PAINT CO.	1/24/1989	70971726	36	N		0.16	0

**Component Total:** 0

#### Component: chlorodifluoromethane (hfc-22)

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
REFRIGERANT 22 (HCFC-22)	NATIONAL REFRIGERANTS, INC.	9/1/2001	70801048	60	N		100.00	60

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**Component: chlorodifluoromethane (hcf-22)**

**Component Total: 60**

**Component: chromium**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
METAL-COR 6L WELDING WIRE	HOBART BROTHERS COMPANY	5/8/2008	1000004281	14,400	Y	0.00	20.00	2,880
HI-ALLOY 500 WELDING ELECTRODE	HI-ALLOY WELD SPECIALTIES	10/1/2004	500HIALLOY	20	Y		40.00	8
HOBART BROTHERS 811N2 WELDING WIRE	ITW HOBART BROTHERS (1)	5/8/2008	71238372	3,498	Y	0.00	3.00	105
PALCO 700	PRECISION ALLOYS COMPANY	5/1/1999	71344555	10	Y	15.00	40.00	4

**Component Total: 2,997**

**Component: cobalt**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
METAL-COR 6L WELDING WIRE	HOBART BROTHERS COMPANY	5/8/2008	1000004281	14,400	Y	0.00	1.00	144

**Component Total: 144**

**Component: copper**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
METAL-COR 6L WELDING WIRE	HOBART BROTHERS COMPANY	5/8/2008	1000004281	14,400	Y	0.00	2.00	288
LENOX STERLING LEAD-FREE SOLDER	LENOX(1)	10/1/2007	70977319	3	Y	4.00	5.00	0

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#### Component: copper

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
HOBART BROTHERS 811N2 WELDING WIRE	ITW HOBART BROTHERS (1)	5/8/2008	71238372	3,498	Y		2.00	70
C-5A ANTISEIZE	FEL-PRO CHEMICAL PRODUCTS, L.P. (1)	7/23/1997	ANTISEIZE	12	Y		25.00	3
ESAB ALL-STATE BARE ALUMINUM 4043 WIRE	ESAB GROUP, INC. (1)	1/31/2008	E4043	438	Y		0.50	2
LINCOLNWELD L-50 WELDING WIRE	LINCOLN ELECTRIC CO.	11/13/2007	L-50	450	N		0.50	2
PALCO 450	PRECISION ALLOYS COMPANY	3/20/2007	PAL450	10	Y	60.00	100.00	10
ARCAIR AIR CARBON ARC ELECTRODES	TWECO PRODUCTS, INC.	10/1/1997	WELD ROD	2,850	Y	10.00	30.00	855

**Component Total:** 1,231

#### Component: cumene hydroperoxide

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
BEARING MOUNT/GRADE B	LOCTITE CORP.	1/1/1993	70934807	1	Y	1.00	3.00	0
ADHESIVE/SEALANT 271	LOCTITE CORPORATION	1/22/1996	ADHESI 271	0	Y	1.00	3.00	0
LOCTITE 242 THREADLOCKER	HENKEL LOCTITE CORPORATION	5/21/2009	LOC242	3	Y	1.00	5.00	0

**Component Total:** 0

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#### **Component: diphenylamine**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
MOBILITH SHC 100 GREASE	EXXON MOBIL CORPORATION	3/25/2009	MOBILITH	1	Y		0.01	0

**Component Total:** 0

#### **Component: ethyl benzene**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
MARATHON REGULAR UNLEADED GASOLINE	MARATHON PETROLEUM CO.	12/7/2010	71347120	90,136	Y	0.45	1.80	1,622

**Component Total:** 1,622

#### **Component: ethylbenzene**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
SPRAYON RED INSULATING VARNISH	SHERWIN-WILLIAMS/DIVERSIFIED BRANDS, INC	11/28/2010	70947320	5	N		3.00	0
SW TOUGH COAT S00329 MACHINERY BLUE GRAY	SHERWIN-WILLIAMS/DIVERSIFIED BRANDS, INC	8/17/1998	70971437	9	N		4.00	0
KRYLON HIGH HEAT & RADIATOR PAINT, ALUM.	SHERWIN-WILLIAMS/KRYLON PRODUCTS GROUP	6/17/2003	70971585	81	N		2.00	2

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#### Component: ethylbenzene

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
KRYLON OSHA COLORS SAFETY POP ORNG 2410	SHERWIN-WILLIAMS/KRYLON PRODUCTS GROUP	6/17/2003	70971601	5	N		2.00	0
KRYLON OSHA COLORS SAFETY PURPLE 1929	SHERWIN-WILLIAMS/KRYLON PRODUCTS GROUP	6/17/2003	70971619	44	N		2.00	1
KRYLON INT/EXT PAINT, BANNER RED 2108	SHERWIN-WILLIAMS/KRYLON PRODUCTS GROUP	10/14/2003	70971635	39	N		2.00	1
KRYLON INT/EXT TRUE BLUE 1910	SHERWIN-WILLIAMS/KRYLON PRODUCTS GROUP	6/17/2003	70971643	72	N		1.00	1
KRYLON INT/EXT PAINT, GLOSSY BLACK 1601	SHERWIN-WILLIAMS/KRYLON PRODUCTS GROUP	6/17/2003	70971650	66	N		2.00	1
KRYLON OSHA COLORS SAFETY YELLOW 1813	SHERWIN-WILLIAMS/KRYLON PRODUCTS GROUP	12/2/2003	70971668	96	N		1.00	1
KRYLON 1501 INT/EXT GLOSSY WHITE	KRYLON (1)	9/5/1997	70971692	13	N		1.00	0

Component Total: 7

#### Component: ethylene glycol

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
CHEVRON SUPREME ANTIFREEZE COOLANT	CHEVRON PRODUCTS COMPANY	1/12/2007	70945621	1,028	Y	90.00	97.00	997

Component Total: 997

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#### **Component: formaldehyde**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
PLIOBOND 30	ASHLAND CHEMICAL CO.	11/5/1996	70934757	4	Y	0.10	1.00	0

**Component Total:** 0

#### **Component: hexane**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
SW ENGINE PAINTS 1612 UNIVERSAL BLACK	SHERWIN-WILLIAMS/DIVERSIFIED BRANDS, INC	8/17/1998	70971593	41	N		13.00	5
MARATHON REGULAR UNLEADED GASOLINE	MARATHON PETROLEUM CO.	12/7/2010	71347120	90,136	Y	0.00	2.70	2,434

**Component Total:** 2,439

#### **Component: hydrogen fluoride**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
ELECTRICAL JOINT COMPOUND NO. 2	ALUMINUM CO. OF AMERICA	6/4/1999	CMPD #2	333	Y		6.00	20

**Component Total:** 20

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#### Component: hydroquinone

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
QUICK SET 404 INSTANT ADHESIVE	LOCTITE CORPORATION	1/26/1999	QUICK 404	1	Y	0.10	1.00	0

Component Total: 0

#### Component: isopropanol

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
AEROLEX PLUS AEROSOL	CHEMSEARCH, DIV. OF NCH CORP.	7/25/2008	AEROLEX	26	Y	0.00	100.00	26

Component Total: 26

#### Component: isopropyl alcohol

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
AVIATION FORM-A-GASKET #3	LOCTITE CORPORATION	4/15/1997	AVIATION#3	12	Y	20.00	25.00	3
BAFCO FILM FREE GLASS CLEANER	BARRET-FISHER CO., INC.	4/17/1998	GLASSCLN	29	Y		5.00	1

Component Total: 4

#### Component: lead

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
ACID FLUX CORED SOLDER	KESTER SOLDER	10/15/1996	ACIDFLUX	2	Y		100.00	2

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**Component: lead**

**Component Total: 2**

**Component: manganese**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
METAL-COR 6L WELDING WIRE	HOBART BROTHERS COMPANY	5/8/2008	1000004281	14,400	Y	0.00	4.50	648
HI-ALLOY 500 WELDING ELECTRODE	HI-ALLOY WELD SPECIALTIES	10/1/2004	500HIALLOY	20	Y		0.10	0
HOBART BROTHERS 811N2 WELDING WIRE	ITW HOBART BROTHERS (1)	5/8/2008	71238372	3,498	Y	0.00	4.00	140
PALCO 700	PRECISION ALLOYS COMPANY	5/1/1999	71344555	10	Y	0.10	1.00	0
CAST STEEL SHOT,LOW CARBON CAST STL SHOT	METALTEC STEEL ABRASIVE COMPANY	1/1/2003	AMASTEEL	134,000	Y	1.00	1.50	2,010
LINCOLNWELD L-50 WELDING WIRE	LINCOLN ELECTRIC CO.	11/13/2007	L-50	450	N		1.00	5
HI-IMPACT ELECTRODE	X-ERGON, DIV. OF NCH CORP.	9/5/2001	MANGTRODE	50	Y		100.00	50
PALCO 450	PRECISION ALLOYS COMPANY	3/20/2007	PAL450	10	Y	7.00	13.00	1

**Component Total: 2,854**

**Component: manganese and/or manganese alloys**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
OUTERSHIELD 71M AND 71M-H	LINCOLN ELECTRIC CO.	10/21/2005	71M	700	Y		5.00	35

**Component Total: 35**

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#### **Component: manganese and/or manganese alloys& compo**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
FLEETWELD 180 ELECTRODES AWS E6011	LINCOLN ELECTRIC CO.	5/10/2001	E6011	150	N		0.50	1

**Component Total:** 1

#### **Component: manganese compounds**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
INNERSHIELD NS-3M ALL SIZES	LINCOLN ELECTRIC CO.	3/7/2008	70977913	1,000	Y	0.00	0.50	5
FLEETWELD 5P AWS E6010	LINCOLN ELECTRIC CO.	1/20/1996	LIN6010	350	N		1.00	4

**Component Total:** 9

#### **Component: methyl ethyl ketone**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
PLIOBOND 30	ASHLAND CHEMICAL CO.	11/5/1996	70934757	4	N		69.00	3
KRYLON OSHA COLORS SAFETY POP ORNG 2410	SHERWIN-WILLIAMS/KRYLON PRODUCTS GROUP	6/17/2003	70971601	5	N		9.00	0
KRYLON OSHA COLORS SAFETY PURPLE 1929	SHERWIN-WILLIAMS/KRYLON PRODUCTS GROUP	6/17/2003	70971619	44	N		8.00	4
KRYLON INT/EXT PAINT, BANNER RED 2108	SHERWIN-WILLIAMS/KRYLON PRODUCTS GROUP	10/14/2003	70971635	39	N		9.00	4

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#### **Component: methyl ethyl ketone**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
KRYLON INT/EXT TRUE BLUE 1910	SHERWIN-WILLIAMS/KRYLON PRODUCTS GROUP	6/17/2003	70971643	72	N		8.00	6
KRYLON INT/EXT PAINT, GLOSSY BLACK 1601	SHERWIN-WILLIAMS/KRYLON PRODUCTS GROUP	6/17/2003	70971650	66	N		13.00	9
KRYLON OSHA COLORS SAFETY YELLOW 1813	SHERWIN-WILLIAMS/KRYLON PRODUCTS GROUP	12/2/2003	70971668	96	N		9.00	9
KRYLON 1501 INT/EXT GLOSSY WHITE	KRYLON (1)	9/5/1997	70971692	13	N		10.00	1
HOMER 828	RECTORSEAL CORP. (2)	4/13/1999	N/A	3	Y		35.00	1
PPG QUICK DRY SPRAY ENML, 55-B (302, ..)	PPG INDUSTRIES, INC.	5/15/1992	PPG 55-B	16	Y	10.00	15.00	2

**Component Total:** 38

#### **Component: methyl isobutyl ketone**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
KRYLON INT/EXT PAINT, BANNER RED 2108	SHERWIN-WILLIAMS/KRYLON PRODUCTS GROUP	10/14/2003	70971635	39	N		2.00	1
KRYLON INT/EXT TRUE BLUE 1910	SHERWIN-WILLIAMS/KRYLON PRODUCTS GROUP	6/17/2003	70971643	72	N		3.00	2
KRYLON OSHA COLORS SAFETY YELLOW 1813	SHERWIN-WILLIAMS/KRYLON PRODUCTS GROUP	12/2/2003	70971668	96	N		5.00	5

*Note: If "Y" appears in the "Rng" (Range) column, the percentage of mix for this component is listed on the MSDS as a range. The minimum and maximum percentages are given, if known, but the calculations assume the maximum percentage. It may be necessary to recalculate the YTD quantity used after verifying the actual percentage with the manufacturer.*

Company: Century Aluminum Of Kentucky, LLC  
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Hawesville KY 42348

### SARA 313 Component Inventory Detail Report Reporting Year 2011

The following chemicals in your facility are listed on the SARA 313 Listing by component name. Consumption data provided by your facility is also listed.

The following chemicals are **otherwise used** by your facility. A Form R should be completed for all chemicals with consumption levels exceeding **10000** pounds.

**Component: methyl isobutyl ketone**

**Component Total: 8**

**Component: methylene chloride**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
GOLDEN BELT DRESSING AEROSOL	ITW FLUID PRODUCTS GROUP (2)	10/26/1998	70997135	28	Y	30.00	60.00	17

**Component Total: 17**

**Component: mineral silicates**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
JETWELD LH-70, E7018	LINCOLN ELECTRIC CO.	2/1/1996	LIN LH-70	1,800	Y		5.00	90

**Component Total: 90**

**Component: naphthalene**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
MARATHON REGULAR UNLEADED GASOLINE	MARATHON PETROLEUM CO.	12/7/2010	71347120	90,136	Y	0.10	0.50	451
CHEVRON HEATING FUEL NO. 1	EMMICK OIL INC.	4/21/1990	8000132	73,777	Y		3.00	2,213
DIESEL FUEL NO. 2	CHEVRON PRODUCTS COMPANY	7/31/2006	HSDIESEL	246,751	Y	0.02	0.20	494

**Component Total: 3,157**

*Note: If "Y" appears in the "Rng" (Range) column, the percentage of mix for this component is listed on the MSDS as a range. The minimum and maximum percentages are given, if known, but the calculations assume the maximum percentage. It may be necessary to recalculate the YTD quantity used after verifying the actual percentage with the manufacturer.*

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### SARA 313 Component Inventory Detail Report Reporting Year 2011

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#### Component: nickel

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
METAL-COR 6L WELDING WIRE	HOBART BROTHERS COMPANY	5/8/2008	1000004281	14,400	Y	0.00	4.00	576
HI-ALLOY 500 WELDING ELECTRODE	HI-ALLOY WELD SPECIALTIES	10/1/2004	500HIALLOY	20	Y		15.00	3
HOBART BROTHERS 811N2 WELDING WIRE	ITW HOBART BROTHERS (1)	5/8/2008	71238372	3,498	Y	0.00	4.00	140
PALCO 700	PRECISION ALLOYS COMPANY	5/1/1999	71344555	10	Y	7.00	13.00	1
HI-IMPACT ELECTRODE	X-ERGON, DIV. OF NCH CORP.	9/5/2001	MANGTRODE	50	Y		100.00	50
PALCO 450	PRECISION ALLOYS COMPANY	3/20/2007	PAL450	10	Y	1.00	5.00	1

Component Total: 771

#### Component: phenol

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
PLIOBOND 30	ASHLAND CHEMICAL CO.	11/5/1996	70934757	4	N		1.00	0

Component Total: 0

#### Component: phosphoric acid

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
NICKEL-SAFE ICE MACHINE CLEANER	NU-CALGON WHOLESALER, INC. (1)	10/4/2002	70947288	11	Y		30.00	3
UNI-PLAS 85ESS	UNITED REFRACTORIES CO.	1/20/2004	70995683	37,560	Y	0.00	100.00	37,560

Note: If "Y" appears in the "Rng" (Range) column, the percentage of mix for this component is listed on the MSDS as a range. The minimum and maximum percentages are given, if known, but the calculations assume the maximum percentage. It may be necessary to recalculate the YTD quantity used after verifying the actual percentage with the manufacturer.



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**SARA 313 Component Inventory Detail Report**  
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**Component: phosphoric acid**

**Component Total: 37,563**

**Component: saccharin**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
BEARING MOUNT/GRADE B	LOCTITE CORP.	1/1/1993	70934807	1	Y	1.00	3.00	0
ADHESIVE/SEALANT 271	LOCTITE CORPORATION	1/22/1996	ADHESI 271	0	Y	3.00	5.00	0
LOCTITE 242 THREADLOCKER	HENKEL LOCTITE CORPORATION	5/21/2009	LOC242	3	Y	1.00	5.00	0

**Component Total: 0**

**Component: selenium**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
LENOX STERLING LEAD-FREE SOLDER	LENOX(1)	10/1/2007	70977319	3	Y	0.04	0.20	0

**Component Total: 0**

**Component: silver**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
ACID FLUX CORED SOLDER	KESTER SOLDER	10/15/1996	ACIDFLUX	2	Y		100.00	2

**Component Total: 2**

*Note: If "Y" appears in the "Rng" (Range) column, the percentage of mix for this component is listed on the MSDS as a range. The minimum and maximum percentages are given, if known, but the calculations assume the maximum percentage. It may be necessary to recalculate the YTD quantity used after verifying the actual percentage with the manufacturer.*

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### **SARA 313 Component Inventory Detail Report** **Reporting Year 2011**

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#### **Component: sulfuric acid**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
SULFURIC ACID	SHRIEVE CHEMICAL CO.	9/9/2002	70631776	13,140	Y	93.00	98.00	12,877
<b>Component Total:</b>								12,877

#### **Component: toluene**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
SPRAYON RED INSULATING VARNISH	SHERWIN-WILLIAMS/DIVERSIFIED BRANDS, INC	11/28/2010	70947320	5	N		17.00	1
MARATHON REGULAR UNLEADED GASOLINE	MARATHON PETROLEUM CO.	12/7/2010	71347120	90,136	Y	0.90	13.50	12,168
WELDERS BLACK MAGIC	HYDRO PRODUCTS	5/12/2006	8001890	10	N		20.00	2
<b>Component Total:</b>								12,171

#### **Component: xylene**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
SPRAYON RED INSULATING VARNISH	SHERWIN-WILLIAMS/DIVERSIFIED BRANDS, INC	11/28/2010	70947320	5	N		15.00	1

*Note: If "Y" appears in the "Rng" (Range) column, the percentage of mix for this component is listed on the MSDS as a range. The minimum and maximum percentages are given, if known, but the calculations assume the maximum percentage. It may be necessary to recalculate the YTD quantity used after verifying the actual percentage with the manufacturer.*

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### SARA 313 Component Inventory Detail Report Reporting Year 2011

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The following chemicals are **otherwise used** by your facility. A Form R should be completed for all chemicals with consumption levels exceeding **10000** pounds.

**Component: xylene**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
SW TOUGH COAT S00329 MACHINERY BLUE GRAY	SHERWIN-WILLIAMS/DIVERSIFIED	8/17/1998	70971437	9	N		25.00	2
KRYLON HIGH HEAT & RADIATOR PAINT, ALUM.	SHERWIN-WILLIAMS/KRYLON PRODUCTS GROUP	6/17/2003	70971585	81	N		12.00	10
KRYLON OSHA COLORS SAFETY POP ORNG 2410	SHERWIN-WILLIAMS/KRYLON PRODUCTS GROUP	6/17/2003	70971601	5	N		9.00	0
KRYLON OSHA COLORS SAFETY PURPLE 1929	SHERWIN-WILLIAMS/KRYLON PRODUCTS GROUP	6/17/2003	70971619	44	N		10.00	4
KRYLON INT/EXT PAINT, BANNER RED 2108	SHERWIN-WILLIAMS/KRYLON PRODUCTS GROUP	10/14/2003	70971635	39	N		9.00	4
KRYLON INT/EXT TRUE BLUE 1910	SHERWIN-WILLIAMS/KRYLON PRODUCTS GROUP	6/17/2003	70971643	72	N		8.00	6
KRYLON INT/EXT PAINT, GLOSSY BLACK 1601	SHERWIN-WILLIAMS/KRYLON PRODUCTS GROUP	6/17/2003	70971650	66	N		9.00	6
KRYLON OSHA COLORS SAFETY YELLOW 1813	SHERWIN-WILLIAMS/KRYLON PRODUCTS GROUP	12/2/2003	70971668	96	N		7.00	7
KRYLON 1501 INT/EXT GLOSSY WHITE	KRYLON (1)	9/5/1997	70971692	13	N		7.00	1
U-PRIME, UNIVERSAL PRIMER 282,284,285	PORTER PAINT CO.	1/24/1989	70971726	36	N		16.00	6

*Note: If "Y" appears in the "Rng" (Range) column, the percentage of mix for this component is listed on the MSDS as a range. The minimum and maximum percentages are given, if known, but the calculations assume the maximum percentage. It may be necessary to recalculate the YTD quantity used after verifying the actual percentage with the manufacturer.*

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### SARA 313 Component Inventory Detail Report Reporting Year 2011

The following chemicals in your facility are listed on the SARA 313 Listing by component name. Consumption data provided by your facility is also listed.

The following chemicals are **otherwise used** by your facility. A Form R should be completed for all chemicals with consumption levels exceeding **10000** pounds.

#### Component: xylene

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
MARATHON REGULAR UNLEADED GASOLINE	MARATHON PETROLEUM CO.	12/7/2010	71347120	90,136	Y	1.80	9.00	8,112
WELDERS BLACK MAGIC	HYDRO PRODUCTS	5/12/2006	8001890	10	Y	0.00	5.00	1
PPG QUICK DRY SPRAY ENML, 55-B (302, ..)	PPG INDUSTRIES, INC.	5/15/1992	PPG 55-B	16	Y	30.00	35.00	5

**Component Total:** 8,164

#### Component: zinc chloride

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
ACID FLUX CORED SOLDER	KESTER SOLDER	10/15/1996	ACIDFLUX	2	Y		100.00	2
OATEY #5 PASTE FLUX	OATEY CO.	5/1/2009	SOLDRPASTE	2	Y	10.00	30.00	1

**Component Total:** 3

*Note: If "Y" appears in the "Rng" (Range) column, the percentage of mix for this component is listed on the MSDS as a range. The minimum and maximum percentages are given, if known, but the calculations assume the maximum percentage. It may be necessary to recalculate the YTD quantity used after verifying the actual percentage with the manufacturer.*

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### **SARA 313 Component Inventory Detail Report** **Reporting Year 2011**

The following chemicals in your facility are listed on the SARA 313 Listing by component name. Consumption data provided by your facility is also listed.

The following chemicals are **processed** by your facility. A Form R should be completed for all chemicals with consumption levels exceeding **25000** pounds.

#### **Component: 1,2-benzanthracene**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
CARBON PITCH LIQUID	KOPPERS CO., INC.	6/14/2007	9170	22,223,790	Y	0.78	1.04	231,127

**Component Total:** 231,127

#### **Component: 1,2-benzphenanthrene**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
CARBON PITCH LIQUID	KOPPERS CO., INC.	6/14/2007	9170	22,223,790	Y	0.77	1.06	235,572

**Component Total:** 235,572

#### **Component: aluminum**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
SILICON METAL	GLOBE METALLURGICAL, INC.	2/9/1999	SILCN METL	9,000	Y		1.00	90

**Component Total:** 90

#### **Component: aluminum oxide**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
MORCOCAST HS-0	MISSOURI REFRACTORIES COMPANY INC.	1/5/2007	MORCOCAST	19,200	Y	45.00	100.00	19,200

**Component Total:** 19,200

*Note: If "Y" appears in the "Rng" (Range) column, the percentage of mix for this component is listed on the MSDS as a range. The minimum and maximum percentages are given, if known, but the calculations assume the maximum percentage. It may be necessary to recalculate the YTD quantity used after verifying the actual percentage with the manufacturer.*

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### **SARA 313 Component Inventory Detail Report** **Reporting Year 2011**

The following chemicals in your facility are listed on the SARA 313 Listing by component name. Consumption data provided by your facility is also listed.

The following chemicals are **processed** by your facility. A Form R should be completed for all chemicals with consumption levels exceeding **25000** pounds.

#### **Component: benzo(a)pyrene**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
CARBON PITCH LIQUID	KOPPERS CO., INC.	6/14/2007	9170	22,223,790	Y	1.22	1.43	317,800

**Component Total:** 317,800

#### **Component: benzo(b)fluoranthene**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
CARBON PITCH LIQUID	KOPPERS CO., INC.	6/14/2007	9170	22,223,790	Y	0.83	0.93	206,681

**Component Total:** 206,681

#### **Component: benzo(g,h,i)perylene**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
CARBON PITCH LIQUID	KOPPERS CO., INC.	6/14/2007	9170	22,223,790	Y	0.91	1.48	328,912

**Component Total:** 328,912

#### **Component: benzo(j)fluoranthene**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
CARBON PITCH LIQUID	KOPPERS CO., INC.	6/14/2007	9170	22,223,790	Y	0.59	0.66	146,677

**Component Total:** 146,677

*Note: If "Y" appears in the "Rng" (Range) column, the percentage of mix for this component is listed on the MSDS as a range. The minimum and maximum percentages are given, if known, but the calculations assume the maximum percentage. It may be necessary to recalculate the YTD quantity used after verifying the actual percentage with the manufacturer.*

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### **SARA 313 Component Inventory Detail Report** **Reporting Year 2011**

The following chemicals in your facility are listed on the SARA 313 Listing by component name. Consumption data provided by your facility is also listed.

The following chemicals are **processed** by your facility. A Form R should be completed for all chemicals with consumption levels exceeding **25000** pounds.

#### **Component: benzo(k)fluoranthene**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
CARBON PITCH LIQUID	KOPPERS CO., INC.	6/14/2007	9170	22,223,790	Y	0.55	0.62	137,787
<b>Component Total:</b>								137,787

#### **Component: dibenz(a,h)anthracene**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
CARBON PITCH LIQUID	KOPPERS CO., INC.	6/14/2007	9170	22,223,790	Y	0.22	0.33	73,339
<b>Component Total:</b>								73,339

#### **Component: dibenzo(a,e)pyrene**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
CARBON PITCH LIQUID	KOPPERS CO., INC.	6/14/2007	9170	22,223,790	Y	0.34	0.60	133,343
<b>Component Total:</b>								133,343

#### **Component: dibenzo(a,h)pyrene**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
CARBON PITCH LIQUID	KOPPERS CO., INC.	6/14/2007	9170	22,223,790	Y	0.52	0.93	206,681
<b>Component Total:</b>								206,681

*Note: If "Y" appears in the "Rng" (Range) column, the percentage of mix for this component is listed on the MSDS as a range. The minimum and maximum percentages are given, if known, but the calculations assume the maximum percentage. It may be necessary to recalculate the YTD quantity used after verifying the actual percentage with the manufacturer.*

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### **SARA 313 Component Inventory Detail Report** **Reporting Year 2011**

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#### **Component: dibenzo(a,i)pyrene**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
CARBON PITCH LIQUID	KOPPERS CO., INC.	6/14/2007	9170	22,223,790	Y	0.22	0.51	113,341

**Component Total:** 113,341

#### **Component: fluoranthene**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
CARBON PITCH LIQUID	KOPPERS CO., INC.	6/14/2007	9170	22,223,790	Y	0.77	1.40	311,133

**Component Total:** 311,133

#### **Component: free aluminum oxide**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
HAWTHORN BOND CLAY..	CHRISTY MINERALS COMPANY	5/29/2007	8001740	12,000	Y	0.00	70.00	8,400

**Component Total:** 8,400

#### **Component: indeno(1,2,3-cd)pyrene**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
CARBON PITCH LIQUID	KOPPERS CO., INC.	6/14/2007	9170	22,223,790	Y	0.98	1.37	304,466

**Component Total:** 304,466

*Note: If "Y" appears in the "Rng" (Range) column, the percentage of mix for this component is listed on the MSDS as a range. The minimum and maximum percentages are given, if known, but the calculations assume the maximum percentage. It may be necessary to recalculate the YTD quantity used after verifying the actual percentage with the manufacturer.*



Thursday, June 02, 2011

Company: Century Aluminum Of Kentucky, LLC  
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**SARA 313 Component Inventory Detail Report**  
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The following chemicals are **processed** by your facility. A Form R should be completed for all chemicals with consumption levels exceeding **25000** pounds.

**Component: lithium carbonate**

Tradename	Manufacturer	MSDS Date	MSDS ID	Total Usage	Rng	%Min	%Max	Usage
LITHIUM CARBONATE	SQM NORTHAMERICA CORPORATION	10/1/2009	9650	224,140	Y	99.00	100.00	224,140

**Component Total:** 224,140

*Note: If "Y" appears in the "Rng" (Range) column, the percentage of mix for this component is listed on the MSDS as a range. The minimum and maximum percentages are given, if known, but the calculations assume the maximum percentage. It may be necessary to recalculate the YTD quantity used after verifying the actual percentage with the manufacturer.*