

Company: Century Aluminum Of Kentucky, LLC

Address: P.O. Box 500

Hawesville KY 42348

Process Safety Chemicals Candidates Report**Complete Facility Report**

The following chemicals have been identified as process safety materials maintained at your facility:

Tradename	Manufacturer	Chemical Name	MaxAllowed	Component
A-17 FABRIC TWISTED WOVEN ROVING	PYROTEK, INC.	MIXTURE	2,500.00	acetaldehyde
ETHYL ALCOHOL, DENATURED (A407500)	FISHER SCIENTIFIC	ETHYL ALCOHOL, DENATURED	2,500.00	acetaldehyde
HEAVY DENSITY PIPE INSULATION	OWENS-CORNING FIBERGLAS CORP.	MIXTURE	10,000.00	ammonia
MICROENCAPSULATED STAINLESS STEEL CLNR	FRANKLIN CLEANING TECHNOLOGY	MIXTURE	10,000.00	ammonia
MICROENCAPSULATED WOOD FURNITURE CLNR	FRANKLIN CLEANING TECHNOLOGY	MIXTURE	10,000.00	ammonia
ARMATEX S/QFF SILICONE COATED TEXTILES	MID-MOUNTAIN	MIXTURE	2,500.00	carbonyl fluoride
ARMATEX TF	MID-MOUNTAIN	MIXTURE	2,500.00	carbonyl fluoride
CHLORINE	OLIN CHLOR ALKALI	CHLORINE	1,500.00	chlorine
CHLORINE	OLIN CORP.	CHLORINE	1,500.00	chlorine
CHLORINE	PENNWALT CORP.	CHLORINE	1,500.00	chlorine
248 MED STRENGTH THREADLOCKER STICK	HENKEL LOCTITE CORPORATION	MIXTURE	5,000.00	cumene hydroperoxide
272 THREADLOCKER HIGH STRENGTH	HENKEL LOCTITE CORPORATION	MIXTURE	5,000.00	cumene hydroperoxide
50 ML BEARING MOUNT GRADE B	LOCTITE CORPORATION	MIXTURE	5,000.00	cumene hydroperoxide
50ML GASKET MAKER HYSTER	LOCTITE CORP.	MIXTURE	5,000.00	cumene hydroperoxide
561 PIPE THREAD SLNT 19GR STK	HENKEL LOCTITE CORPORATION	ANAEROBIC SEALANT	5,000.00	cumene hydroperoxide
567 THREAD SEALANT PST WITH PTFE 56747	HENKEL CORPORATION (1)	MIXTURE	5,000.00	cumene hydroperoxide
660 QUICK METAL RETAINING COMPOUND	HENKEL CORPORATION (1)	MIXTURE	5,000.00	cumene hydroperoxide
ADHESIVE/SEALANT 271	LOCTITE CORPORATION	MIXTURE	5,000.00	cumene hydroperoxide
ADHESIVE/SEALANT 277	LOCTITE CORPORATION	MIXTURE	5,000.00	cumene hydroperoxide
BEARING MOUNT/GRADE B	LOCTITE CORP.	MIXTURE	5,000.00	cumene hydroperoxide
GASKET ELIMINATOR 518 SEALANT	HENKEL CORPORATION (1)	MIXTURE	5,000.00	cumene hydroperoxide
LOCTITE 220 THREADLOCKER	HENKEL LOCTITE CORPORATION	MIXTURE	5,000.00	cumene hydroperoxide

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LOCTITE 222 THREADLOCKER LOW STRENGTH	HENKEL LOCTITE CORPORATION	MIXTURE	5,000.00	cumene hydroperoxide
LOCTITE 242 THREADLOCKER	HENKEL LOCTITE CORPORATION	MIXTURE	5,000.00	cumene hydroperoxide
LOCTITE 262 THREADLOCKER HI STRENGTH	LOCTITE CORPORATION	MIXTURE	5,000.00	cumene hydroperoxide
LOCTITE 290 TREADLOCKER WICKING GRADE	LOCTITE CORPORATION	MIXTURE	5,000.00	cumene hydroperoxide
LOCTITE 545 THREAD SEALANT	HENKEL LOCTITE CORPORATION	MIXTURE	5,000.00	cumene hydroperoxide
LOCTITE 545 THREAD SEALANT PNEUMTC 54531	HENKEL CORPORATION (1)	MIXTURE	5,000.00	cumene hydroperoxide
LOCTITE 565 PST PIPE SEAL THREAD SEALANT	HENKEL CANADA, INC.	MIXTURE	5,000.00	cumene hydroperoxide
LOCTITE 569 THREAD SEALANT HI STRGTH HYD	LOCTITE CORPORATION	MIXTURE	5,000.00	cumene hydroperoxide
LOCTITE 609 RETAINING CMPD PRESS F	HENKEL CORPORATION (1)	ANAEROBIC ADHESIVE	5,000.00	cumene hydroperoxide
LOCTITE 680 RETAINING COMPOUND SLIP FIT	HENKEL CORPORATION (1)	MIXTURE	5,000.00	cumene hydroperoxide
LOCTITE QUICKSTIX 248 THREADLOCK MED	HENKEL CORPORATION (1)	MIXTURE	5,000.00	cumene hydroperoxide
LOCTITE THREADLOCKER 2760 HIGH STRENGTH	LOCTITE CORPORATION	MIXTURE	5,000.00	cumene hydroperoxide
PERMANENT THREADLOCKER 262	LOCTITE CORPORATION	MIXTURE	5,000.00	cumene hydroperoxide
PST PIPE SLNT W/TFLN567THRED SLNT HITEMP	LOCTITE CORPORATION	MIXTURE	5,000.00	cumene hydroperoxide
THREAD SEALANT WITH PTFE #30534	HENKEL CORPORATION (1)	MIXTURE	5,000.00	cumene hydroperoxide
HAMMER-CAPSULE ADHESIVE ANCHOR CAPSULE	POWERS FASTENERS, INC.	MIXTURE	7,500.00	dibenzoyl peroxide
POWERS AC100 + GOLD ANCHORING ADHESIVE	POWERS FASTENERS, INC.	MIXTURE	7,500.00	dibenzoyl peroxide
HIGH STRENGTH THREADLOCKER RED GEL	PERMATEX, INC.	MIXTURE	5,000.00	dimethylbenzyl hydroperoxide
MED STRENGTH THREADLOCKER BLUE GEL 10GR	PERMATEX, INC.	MIXTURE	5,000.00	dimethylbenzyl hydroperoxide
A-17 FABRIC TWISTED WOVEN ROVING	PYROTEK, INC.	MIXTURE	5,000.00	ethylene oxide
MEAN GREEN	CHEMPRO, INC.	MIXTURE	5,000.00	ethylene oxide
PHOSPHOR BRONZE-C, 23	HARRIS-WELCO	ELECTRODE	1,000.00	fluorine
215-15 BLAZE ORANGE ALKYD PAINT	DAY-GLO COLOR CORP.	MIXTURE	1,000.00	formaldehyde

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A-17 FABRIC TWISTED WOVEN ROVING	PYROTEK, INC.	MIXTURE	1,000.00	formaldehyde
ACOUSTICAL BACKING BOARD, THERMACUBE...	OWENS-CORNING FIBERGLAS CORP.	FIBROUS GLASS	1,000.00	formaldehyde
BUFFER SOLUTION PH 4.0 (COLOR-CODED RED)	FISHER SCIENTIFIC	MIXTURE	1,000.00	formaldehyde
HEAVY DENSITY PIPE INSULATION	OWENS-CORNING FIBERGLAS CORP.	MIXTURE	1,000.00	formaldehyde
PHENOLIC CANVAS SHEET	CURRENT, INC.	MIXTURE	1,000.00	formaldehyde
PLIOBOND 30	ASHLAND CHEMICAL CO.	MIXTURE	1,000.00	formaldehyde
BAFCO ZING TOILET BOWL CLEANER	BARRET-FISHER CO., INC.	MIXTURE	5,000.00	hydrochloric acid
DEMAND	ANALYTICAL PRODUCTS GROUP, INC.	MIXTURE	5,000.00	hydrochloric acid
FERROUS CHLORIDE	KEMIRA WATER SOLUTIONS, INC.	INORGANIC SALTS	5,000.00	hydrochloric acid
HYDROCHLORIC ACID	RICCA CHEMICAL CO.	MIXTURE	5,000.00	hydrochloric acid
HYDROCHLORIC ACID, GR	EM SCIENCE	HYDROCHLORIC ACID	5,000.00	hydrochloric acid
KLEAN-STRIP MURIATIC ACID	W.M. BARR & CO., INC.	HYDROCHLORIC ACID	5,000.00	hydrochloric acid
NALCLEAN 8940 ACID CLEANER	NALCO CHEMICAL CO.	HYDROCHLORIC ACID	5,000.00	hydrochloric acid
TISAB IV (TOTAL IONIC ADJ. BUFFER IV)	RICCA CHEMICAL CO.	MIXTURE	5,000.00	hydrochloric acid
TOTAL IONIC STRENGTH ADJUSTMNT BUFFER IV	REAGENTS, INC.	MIXTURE	5,000.00	hydrochloric acid
ACTI-BRITE	VIRGINIA KMP CORP.	MIXTURE	1,000.00	hydrofluoric acid
NRP KLEEN BRITE	COMSTAR INTL. INC.	MIXTURE	1,000.00	hydrofluoric acid
HYDROCHLORIC ACID 32-38%	FISHER SCIENTIFIC	MIXTURE	5,000.00	hydrogen chloride
ARMATEX S/QFF SILICONE COATED TEXTILES	MID-MOUNTAIN	MIXTURE	1,000.00	hydrogen fluoride
ARMATEX TF	MID-MOUNTAIN	MIXTURE	1,000.00	hydrogen fluoride
ELECTRICAL JOINT COMPOUND NO. 2	ALUMINUM CO. OF AMERICA	MIXTURE	1,000.00	hydrogen fluoride
HALL CELL BATH	ALCOA INC.	MIXTURE	1,000.00	hydrogen fluoride
ELECTRICAL JOINT COMPOUND NO. 2	AFL TELECOMMUNICATIONS	MIXTURE	5,000.00	hydrogen fluoride
HI-POINT 90	WITCO - POLYMER ADDITIVES GROUP	MIXTURE	7,500.00	hydrogen peroxide

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HYDROGEN PEROXIDE 20-60%	SOLVAY INTEROX, INC.	HYDROGEN PEROXIDE	7,500.00	hydrogen peroxide
HYDROGEN PEROXIDE 30-50% (H323500)	FISHER SCIENTIFIC	MIXTURE	7,500.00	hydrogen peroxide
LUPERSOL DHD-9	ELF ATOCHEM NORTH AMERICA, INC.	MIXTURE	7,500.00	hydrogen peroxide
SUPEROX 709	DOW CHEMICAL	MIXTURE	7,500.00	hydrogen peroxide
CALIBRATION CHECK GAS	GASCO AFFILIATES, LLC	MIXTURE	1,500.00	hydrogen sulfide
NON-FLAMMABLE GAS MIXTURE-50018	AIR LIQUIDE AMERICA CORP. (2)	MIXTURE	1,500.00	hydrogen sulfide
HI-POINT 90	WITCO - POLYMER ADDITIVES GROUP	MIXTURE	5,000.00	methyl ethyl ketone peroxide
LUPERSOL DDM-9	ELF ATOCHEM CANADA INC.	MIXTURE	5,000.00	methyl ethyl ketone
LUPERSOL DHO-9	LUCIDOL PENNWALT CHEMICALS/EQUIPMENT	METHYL ETHYL KETONE PEROXIDE	5,000.00	methyl ethyl ketone peroxide
SUPEROX 709	DOW CHEMICAL	MIXTURE	5,000.00	methyl ethyl ketone peroxide
LUPERSOL DHD-9	ELF ATOCHEM NORTH AMERICA, INC.	MIXTURE	5,000.00	methyl ethyl ketone peroxide structures
ARSENIC REFERENCE STD SOL, SA449100	FISHER SCIENTIFIC	ARSENIC REFERENCE STANDARD SOLUTION	500.00	nitric acid
BORON NITRIDE LUBRICOAT ZV	ZYP COATINGS, INC.	MIXTURE	500.00	nitric acid
QUALITY CONTROL STANDARD 19, QC-19	SPEX CHEMICAL	MIXTURE	500.00	nitric acid
SODIUM, 1000 UG/ML (0.10% W/V)	MALLINCKRODT BAKER, INC. (2)	MIXTURE	500.00	nitric acid
CARTRIDGE FOR POWER DEVICE	OLIN CORP.	MIXTURE	2,500.00	nitro cellulose
AEROSOL RED SP-1196, SP1456	ITW FLUID PRODUCTS GROUP	MIXTURE	2,500.00	nitrocellulose
OPAQUE RED STAINING COLOR 81090	ITW DYMON	MIXTURE	2,500.00	nitrocellulose
STEEL BLUE LAYOUT FLUID	ITW DYKEM (1)	MIXTURE	2,500.00	nitrocellulose
STEEL RED LAYOUT FLUID	ITW DYKEM (1)	MIXTURE	2,500.00	nitrocellulose
BLUE SHOWER II	TECH SPRAY, INC.	MIXTURE	2,500.00	nitromethane

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PERCHLORIC ACID, 60% S76875ACS-2, -4,...	FISHER SCIENTIFIC	PERCHLORIC ACID	5,000.00	perchloric acid
PERCHLORIC ACID, 60-70% SOLUTIONS	MALLINCKRODT BAKER, INC. (2)	PERCHLORIC ACID	5,000.00	perchloric acid
FERRIC ION SOLUTION	HACH CO.	FERRIC ION SOLUTION	5,000.00	perchloric acid, 70%
PERCHLORIC ACID, 70%	EM SCIENCE	PERCHLORIC ACID, 70%	5,000.00	perchloric acid, 70%
SPENT POTLINING	ALUMINUM CO. OF AMERICA	MIXTURE	100.00	phosphine
LOW ALLOY STEEL	GERDAU AMERISTEEL	LOW CARBON STEEL	1,000.00	sulfur
COPPER/COPPER ALLOYS	MCHENRY BRASS INC.	COPPER	1,000.00	sulphur dioxide
REAR VIEW MIRROR ADHESIVE	ITW PERFORMANCE POLYMERS VERSACHEM	POLYETHYLENE AMINE	7,500.00	t-butyl peroxybenzoate
STRUCTURAL ADHESIVE 332/SEVERE ENV.	LOCTITE CORPORATION	MIXTURE	7,500.00	tert-butyl peroxybenzoate
PRIMARY LITHIUM THIONYL CHLORIDE BATTERY	TADIRAN ELECTRONIC INDUSTRIES, INC.	BATTERY	250.00	thionyl chloride
PRIMARY LITHIUM THIONYL CHLORIDE BATTES	TADIRAN ELECTRONIC INDUSTRIES	LITHIUM ANODE CELLS	250.00	thionyl chloride

* Note: Certain CAS numbers listed in the CFR 1910.119 List of Highly Hazardous Chemicals have multiple Threshold Quantities depending on the chemical state of the product. This report is based on the lowest threshold quantity for any CAS number.