

1FID: 00133217  
VER DATE: 1994-01-01

C H E M I S T R I  
MATERIAL SAFETY DATA SHEET

DATE: 10/22/02  
TIME: 19:01:20  
PAGE: 0001

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SECTION 01: CHEMICAL PRODUCT & COMPANY ID  
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PRODUCT PRIMARY NAME: LOCTITE MASTER GASKET 518 FLANGE SEALANT

ALL SYNONYMS : AD-51

AGV REPAIR  
ANAEROBIC GASKET ELIMINATOR #518 SEALANT/FLANGE  
BR5085  
CN23664  
CUA: 02-148A01, .85 OZ SYRINGE  
CUA: 02-148A03, 10 OZ TUBE  
EP114007  
E131.1  
E3436-A  
GASKET ELIMINATOR  
GASKET ELIMINATOR 518  
GASKET ELIMINATOR 518 FLANGE SEALANT (FORMER)  
GASKET ELIMINATOR 518 INST SEAL/FLANGE SEALANT  
GASKET ELIMINATOR 518 SEALANT  
GASKET ELIMINATOR/FLANGE SEALANT 12295  
GASKET ELIMINATOR/FLANGE SEALANT 51845  
GASKET MAKER  
GOODWRENCH GASKET MAKER  
HM 5423  
HM#73  
HMC-1557  
HMC-1656A  
HMC-8254  
HMC# 96-0023  
HMC78072  
LM301-AD-112  
LO-733  
LOCTITE ANAEROBIC GASKET MAKER 518  
LOCTITE GASKET ELIMINATOR (518)  
LOCTITE MASTER GASKET KIT 203, 204 PART B  
LOCTITE MASTER GASKET SEALANT  
LOCTITE MASTER GASKET SEALANT KIT 203, 204  
LOCTITE MASTER GASKET 203/204 SEALANT 518  
LOCTITE MASTER GASKET 518 FLANGE SEALANT  
LOCTITE 203  
LOCTITE 204  
LOCTITE 510  
LOCTITE 518  
LOCTITE 518 GASKET MAKER  
LOCTITE 518 MASTER GASKET FLANGE SEALANT (FORMER)  
LOCTITE 51845  
L1877A  
L2166A  
L2386  
MASTER GASKET FLANGE SEALANT  
MASTER GASKET PRIMER  
MASTER GASKET SEALANT  
MASTER GASKET SEALANT (FORMER)

MASTER GASKET 518 FLANGE SEALANT  
MASTER GASKET 518 FLANGE SEALANT 8222424  
MSD 0149J  
MUA 422  
MUA422  
MUA422-5  
NMA 1268  
P#09531766  
PART OF KIT 22424  
PART OF KIT: 22423  
PART OF KITS 203 AND 204  
RED SEALER ON FRONT DIFFERENTIAL - APPLIED AMER. AXLE PL  
T.  
RF0167  
SA 2306 (DUPLICATE APPROVAL. CONSOLIDATED INTO SA 268)  
SA 268  
SAG 39422550  
TPW1104  
00203  
0456-04KT  
0705-0183  
0705-0262  
0705-0361  
0705-0370  
0705-0751  
0705-0785  
10-2000  
10-2001  
10517422  
1052942  
1052943  
12295  
12295 GASKET ELIMINATOR/FLANGE SEALANT  
176186 (OLD FID)  
201142  
232147 (OLD FID)  
24-11686  
2411686  
2583  
2615719  
2795  
3FK0235  
3RF0167  
36800  
37165  
4-14  
42017-HMC1387  
42017-HMC351  
482  
510  
518  
518 GASKET ELIMINATOR  
51817  
51831  
51845  
51845 ITEM NUMBER  
55953HM124

55953HM73  
57098 MC#458  
57098 MC#459  
58001HM124  
7151527  
8222423  
8222424  
8222424 MASTER GASKET 518 FLANGE SEALANT  
88C011  
88900324  
88900325  
9SR352  
901094  
9985460  
9985551

SAFE USE CATEGORY AND DESCRIPTION: 05 -ADHESIVES - SOLVENT-BASED  
POLYURETHANES,

LAST UPDATED DATE: 2002-01-27

MANUFACTURER'S ID (MID): 000522786  
MANUFACTURER'S NAME: LOCTITE CORP  
MANUFACTURER'S EMERGENCY PHONE NUMBER/TEXT: US 860-571-5100  
MANUFACTURER'S MAILING ADDRESS:

1001 TROUT BROOK CROSSING  
ALSO SEE GMBA #502982 (PERMATEX)  
ROCKY HILL CT 06067-3910  
US

SECTION 1 - OTHER INFORMATION: PREPARED BY: STEPHEN REPETTO. TITLE:  
RESEARCH CHEMIST, ENVIRONMENTAL HEALTH & SAFETY.

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SECTION 02: COMPOSITION & INGREDIENT INFO  
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CAS#	FORMULATION	W/V	CHEMICAL NAME
000079107	R 5.0000/ 7.0000%	W	ACRYLIC ACID
000080159	R 1.0000/ 3.0000%	W	HYDROPEROXIDE, alpha,alpha-DIMETHYL LBENZYL-
000081072	R 0.1000/ 1.0000%	W	1,2-BENZISOTHIAZOLIN-3-ONE, 1,1-DI OXIDE
000107211	R 1.0000/ 3.0000%	W	ETHYLENE GLYCOL
000114830	R 0.1000/ 1.0000%	W	ACETIC ACID, 2-PHENYLHYDRAZIDE
025852475	R 5.0000/ 10.0000%	W	Poly(oxy-1,2-ethanediyl), .alpha.- (2-methyl-1-oxo-2-propenyl)-.omega .-[(2-methyl-1-oxo-2-propenyl)oxy] -
112945525	R 5.0000/ 10.0000%	W	SILICA, AMORPHOUS FUMED
989949702	R 70.0000/ 75.0000%	W	POLYURETHANE METHACRYLATE

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SECTION 03: HAZARDS IDENTIFICATION  
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PRIMARY ENTRY ROUTE INDICATORS:  
SKIN PRIMARY ENTRY ROUTE INDICATOR = Y  
EYE PRIMARY ENTRY ROUTE INDICATOR = Y  
INHALATION PRIMARY ENTRY ROUTE INDICATOR = Y

INGESTION PRIMARY ENTRY ROUTE INDICATOR = Y  
PRIMARY ROUTES OF ENTRY TEXT: NONE KNOWN.

EFFECTS OF OVEREXPOSURE - SKIN: TOXICITY: LIQUID IS A SKIN IRRITANT.  
SIGNS AND SYMPTOMS OF EXPOSURE: IRRITATION OF SKIN. MAY CAUSE  
DERMATITIS ON PROLONGED CONTACT IN SENSITIVE INDIVIDUALS.  
EFFECTS OF OVEREXPOSURE - EYE: TOXICITY: LIQUID IS AN EYE IRRITANT.  
VAPORS MAY IRRITATE EYE. SIGNS AND SYMPTOMS OF EXPOSURE: IRRITATION OF  
EYES.  
EFFECTS OF OVEREXPOSURE - INHALATION: TOXICITY: VAPORS MAY IRRITATE  
NOSE AND THROAT. SIGNS AND SYMPTOMS OF EXPOSURE: IRRITATION OF NOSE.  
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: EXISTING CONDITIONS  
AGGRAVATED BY EXPOSURE: ACRYLIC ACID (79-10-7): UPPER RESPIRATORY AND  
LUNG DISEASES.

ADDITIONAL HEALTH HAZARD DATA: TARGET ORGAN AND OTHER HEALTH EFFECTS:  
POLYURETHANE METHACRYLATE (989949702): NO DATA; POLYGLYCOL  
DIMETHACRYLATE (25852-47-5): ALLERGEN, IRRITANT; SILICA, AMORPHOUS,  
FUMED, CRYSTALLINE-FREE (112945-52-5): NUISANCE DUST; ACRYLIC ACID  
(79-10-7): ALLERGEN CORROSIVE, IRRITANT, KIDNEY, LIVER; CUMENE  
HYDROPEROXIDE (80-15-9): ALLERGEN, CENTRAL NERVOUS SYSTEM, IRRITANT;  
ETHELYNE GLYCOL (107-21-1): BLOOD, BONE MARROW, CENTRAL NERVOUS SYSTEM,  
EYE, IRRITANT, KIDNEY, LIVER, METABOLIC; 1-ACETYL-2-PHENYLHYDRAZINE  
(114-83-0): ALLERGEN, BLOOD, KIDNEY; SACCHARIN (81-07-2): NO TARGET  
ORGANS. SIGNS AND SYMPTOMS OF EXPOSURE: IRRITATION OF THROAT.

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#### SECTION 04: FIRST AID MEASURES

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EMERGENCY FIRST AID PROCEDURES - SKIN: WASH THOROUGHLY WITH SOAP AND  
WATER.  
EMERGENCY FIRST AID PROCEDURES - EYES: FLUSH AT LEAST 15 MINUTES WITH  
WATER. OBTAIN MEDICAL ATTENTION.  
EMERGENCY FIRST AID PROCEDURES - INHALATION: REMOVE TO FRESH AIR. IF  
SYMPTOMS PERSIST, OBTAIN MEDICAL ATTENTION.  
EMERGENCY FIRST AID PROCEDURES - INGESTION: DO NOT INDUCE VOMITING.  
KEEP INDIVIDUAL CALM. OBTAIN MEDICAL ATTENTION.

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#### SECTION 05: FIRE-FIGHTING MEASURES

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SPECIAL FIRE FIGHTING PROCEDURES: NOT AVAILABLE. RECOMMENDED  
EXTINGUISHING AGENTS: CARBON DIOXIDE, FOAM, DRY CHEMICAL.

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE.

HMIS CODES:

HMIS REACTIVITY CODE =	1
HMIS HEALTH CODE =	2
HMIS FLAMMABILITY CODE =	1
NFPA CODES:	
NFPA FLAMMABILITY CODE =	1
NFPA HEALTH CODE =	2
NFPA REACTIVITY CODE =	1

FLASH POINT TEMPS: > 200.00F

FLASH POINT METHOD: TCC

FLASH POINT METHOD TEXT: TAG CLOSED CUP.

SECTION 5 - OTHER INFORMATION: EXPLOSIVE LIMITS: (% BY VOLUME IN AIR) LOWER: 2.0% ACRYLIC ACID (79-10-7); (% BY VOLUME IN AIR) UPPER: 8.0% ACRYLIC ACID. HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMP: IRRITATING ORGANIC VAPORS. ESTIMATED NFPA SPECIFIC HAZARD: DOES NOT APPLY. ESTIMATED HMIS PERSONAL PROTECTION: SEE SECTION 8.

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SECTION 06: ACCIDENTAL RELEASE MEASURES  
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SPILL OR LEAK PROCEDURES: SCRAPE UP AS MUCH AS POSSIBLE AND STORE IN A PARTLY FILLED, CLOSED CONTAINER UNTIL DISPOSAL. RESIDUES MAY BE CLEANED UP WITH SOLVENT.

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SECTION 07: HANDLING AND STORAGE  
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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE BELOW 100 DEG. F. (CONTACT LOCTITE CUSTOMER SERVICE 1-800-243-4874 FOR SHELF LIFE INFORMATION). AVOID SKIN AND EYE CONTACT. AVOID BREATHING VAPOR.

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SECTION 08: EXPOSURE CONTROLS - PROTECTION  
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EYE PROTECTION: SAFETY GLASSES OR GOGGLES.

RESPIRATORY PROTECTION: NOT AVAILABLE.

ENGINEERING CONTROLS: VENTILATION: SUFFICIENT TO MAINTAIN VAPOR CONCENTRATION BELOW TLV.

PROTECTIVE GLOVES (SPECIFY TYPE): NEOPRENE GLOVES.

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SECTION 09: PHYSICAL & CHEMICAL PROPERTIES  
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BOILING POINT TEMPS: > 300.00F

SPECIFIC GRAVITY VALUES: = 1.1000  
SPECIFIC GRAVITY TEXT: AT 80 F.

VAPOR DENSITY TEXT: NOT AVAILABLE.

VAPOR PRESSURE TEXT: LESS THAN 5 MMHG AT 80 F.

EVAPORATION RATE TEXT: NOT AVAILABLE.

SOLUBILITY IN WATER TEXT: LOW.

PH OF PRODUCT IN SOLUTION WITH WATER/TEXT: DOES NOT APPLY.

PH OF PRODUCT AS RECEIVED (NEAT)/TEXT: DOES NOT APPLY.

APPEARANCE: RED GEL.

ODOR: MILD.

PHYSICAL STATE: GEL

SECTION 9 - OTHER INFORMATION: VOLATILE ORGANIC COMPOUND (EPA METHOD 24): 13.0%; 143 GRAMS PER LITER.

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SECTION 10: STABILITY & REACTIVITY

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STABILITY INDICATOR: Y

STABILITY - TEXT: INCOMPATIBILITY: NONE. CONDITIONS TO AVOID: NOT AVAILABLE.

HAZARDOUS DECOMPOSITION PRODUCTS: (NON-THERMAL): NONE. HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMP: IRRITATING ORGANIC VAPORS.

HAZARDOUS POLYMERIZATION INDICATOR: N

HAZARDOUS POLYMERIZATION TEXT: WILL NOT OCCUR.

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SECTION 11: TOXICOLOGICAL INFORMATION

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TOXICOLOGICAL DATA UNLIMITED TEXT: 1-ACETYL-2-PHENYLHYDRAZINE (114-83-0) AND CUMENE HYDROPEROXIDE (80-15-9): MUTAGEN. ETHYLENE GLYCOL (107-21-1): DEVELOPMENTAL. ESTIMATED ORAL LD50 MORE THAN 5000 MG/KG. ESTIMATED DERMAL LD50 MORE THAN 2000 MG/KG.

CARCINOGENICITY: 1-ACETYL-2-PHENYLHYDRAZINE (114-83-0): EVIDENCE OF SOME CARCINOGENICITY. POLYURETHANE METHACRYLATE (989949702), ETHYLENE GLYCOL (107-21-1), POLYGLYCOL DIMETHACRYLATE (25852-47-5), CUMENE HYDROPEROXIDE (80-15-9), 1-ACETYL-2-PHENYLHYDRAZINE (114-83-0): LISTED AS A CARCINOGEN BY NTP, IARC, OSHA: NO. SILICA, AMORPHOUS, FUMED, CRYSTALLINE-FREE (112945-52-5) AND ACRYLIC ACID (79-10-7): LISTED AS A CARCINOGEN BY NTP AND OSHA: NO; IARC: NOT APPLICABLE. SACCHARIN (81-07-2): LISTED AS A CARCINOGEN BY NTP AND OSHA: NO; IARC: POSSIBLY CARCINOGENIC TO HUMANS.

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SECTION 12: ECOLOGICAL INFORMATION

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ECOLOGICAL INFORMATION: NO DATA AVAILABLE.

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SECTION 13: DISPOSAL CONSIDERATIONS

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WASTE DISPOSAL METHOD: INCINERATE FOLLOWING EPA AND LOCAL REGULATIONS.

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SECTION 14: TRANSPORT INFORMATION

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DOT INFORMATION: DOT (49 CFR 172) DOMESTIC GROUND TRANSPORT: PROPER SHIPPING NAME, HAZARD CLASS OR DIVISION: UNRESTRICTED. IDENTIFICATION NUMBER, MARINE POLLUTANT: NONE.

SECTION 14 - OTHER INFORMATION: IATA: PROPER SHIPPING NAME, CLASS OR DIVISION: UNRESTRICTED. UN OR ID NUMBER: NONE.

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SECTION 15: REGULATORY INFORMATION

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SARA 311/312 HAZARD INDICATORS:

IMMEDIATE HEALTH INDICATOR = Y  
DELAYED HEALTH INDICATOR = N

SECTION 15 - OTHER INFORMATION: ACRYLIC ACID (79-10-7), ETHYLENE GLYCOL (107-21-1) AND CUMENE HYDROPEROXIDE (80-15-9) ARE LISTED AS A SARA SECTION 313 TOXIC CHEMICAL. U.S. MANUFACTURERS ARE REQUIRED TO BE TSCA COMPLIANT. CA PROPOSITION 65: WARNING: THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM: ETHYLENE OXIDE (107-21-1). THIS PRODUCT CONTAINS SACCHARIN (81-70-2). NO PROP 65 HAZARD WARNING IS NECESSARY IF THIS PRODUCT IS USED AS REASONABLY ANTICIPATED.

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SECTION 16: OTHER INFORMATION  
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RCRA HAZARDOUS WASTE NUMBER TEXT: EPA HAZARDOUS WASTE NUMBER: NH-NOT A RCRA HAZARDOUS WASTE MATERIAL.

SAFE USE CATEGORY AND DESCRIPTION :

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05 ADHESIVES - SOLVENT-BASED POLYURETHANES,

REGULATORY IMPACTS (REG) AND ADDITIONAL HEALTH HAZARD STATEMENTS (HHS) :

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CAS#: 000079107 ACRYLIC ACID

REG:

0003,0006,0012,0016,0019,0020,0023,0031,0034,0038,0042,0047  
0048,0053,0056,0058,0061,0063,0065,0066,0068,0069,0076,0084  
0087,0088,0089,0104,0123

CAS#: 000080159 HYDROPEROXIDE, alpha,alpha-DIMETHYLBENZYL-

REG:

0006,0012,0016,0019,0020,0033,0047,0048,0058,0061,0065,0067  
0083,0088,0089,0104,0123

CAS#: 000081072 1,2-BENZISOTHIAZOLIN-3-ONE, 1,1-DIOXIDE

REG:

0004,0005,0006,0007,0011,0012,0016,0019,0020,0022,0032,0047  
0048,0055,0058,0060,0061,0065,0089,0104,0123

HHS:

PROLONGED OR REPEATED EXPOSURE MAY RESULT IN AN INCREASED CANCER RISK.

CAS#: 000107211 ETHYLENE GLYCOL

REG:

0003,0012,0017,0020,0023,0031,0032,0034,0038,0039,0042,0047  
0048,0056,0061,0063,0065,0066,0068,0069,0070,0084,0088,0089  
0104,0123

CAS#: 000114830 ACETIC ACID, 2-PHENYLHYDRAZIDE

REG:

0012

CAS#: 025852475 Poly(oxy-1,2-ethanediyl), .alpha.-(2-methyl-1-oxo-2-pro

REG:

0012

CAS#: 112945525 SILICA, AMORPHOUS FUMED

REG:

0093,0098

REGULATORY KEY LIST:

0001 OSHA-PEL	0003 ACGIH-TLV	0004 GM-SPEC CHEM
0005 SUSP CARCIN	0006 EPA HW261.33	0007 EPA HW-APP 8
0008 MCMR	0009 FWPC-SEC 311	0010 EPA PRIORPOL
0011 NY SUBS CONC	0012 TSCA INV	0014 MI AIR POLLU
0015 SUP TAX CHEM	0016 MI HW-ACT 64	0017 CA HAZ SUBST
0018 NY SAN 22.8	0019 MA SUBST	0020 NJ ENV SUBST
0021 TOX ORGANICS	0022 MD CLASS I	0023 MD CLASS II
0024 EPA-ATC-I	0026 EPA-CHEMCONC	0027 WB VERY TOX
0031 ALLGHNY CTY	0032 IL-RTK	0033 OSHA-HHCL
0034 FLT CRIT IND	0035 GM-AHC	0036 PRO EP TOX
0037 MO SPECIES	0038 MO-RTK	0039 ONT 654-86
0040 ONT DES SUB	0041 SARA312EXHAZ	0042 WI TABLE 1
0043 WI TABLE 2	0047 SARA 313	0048 CERCLASEC103
0049 P-65 CARCINO	0050 P-65 REP TOX	0051 MD CLSI .11
0052 MD CLSI .12	0053 MD CLSII .12	0054 CT 29-1
0055 CT 29-2	0056 CT 29-3	0058 EPA261.33(F)
0059 CA AIR TOX 1	0060 CA AIR TOX 2	0061 PA RTK
0063 PELS REVISED	0064 NPDES-TOXPOL	0065 NJ W&C RTK
0066 CAA HAZ POL	0067 NV HIGH HAZ.	0068 MI 307-CARC
0069 MI 307-NCARC	0070 MICH AIR	0071 CAA602 CLSI
0075 C	0076 D	0078 GREAT LAKES
0080 METALS	0082 EPA 112(R)	0083 TSCA 8(D)
0084 GM OEG	0085 TSCA-TEST	0087 TSCA 12(B)
0088 NAT. POLL. REL	0089 NY CHEM BULK	0090 GL PERSIST
0091 LAND DISP. - II	0092 UAW/GM AUDIT	0093 TSCA - SPECIAL
0098 DSL - CANADA	0102 GM 1000M	0103 CAA SEC. 112(R)
0104 CERCLA-HAZWOPER	0105 GLPPP-SPECIFIC	0106 GLPPP-SPECIFIC
0107 PET. DISTILLATE	0109 APPENDIX IX	0110 GLOBAL WARM CMP
0112 RCRA PBT -DRAFT	0113 IARC-GROUP 2B	0116 GMW 3059-RESTR.
0117 GMW 3059-REPORT	0118 T.W. REPORT	0121 HEX CHROME, PB,
0122 ACDM-REPORTING	0123 MDEQ PART 5	

GMBA/PLANT USING THIS FID:

-----  
GMBA: 000550673 GM OF CANADA - OSHAWA  
CISCO: 14001;  
STATUS :ACTIVE  
GMBA: 000550678 SPO - DISTRIBUTABLE MATERIALS  
CISCO: 17001;  
STATUS :ACTIVE  
GMBA: 000550741 MCD GROUP - WARREN  
CISCO: 18001;  
STATUS :ACTIVE  
GMBA: 000550748 GMTG - ARLINGTON ASSEMBLY  
CISCO: 18008;  
STATUS :ACTIVE  
GMBA: 000550760 POWERTRAIN - MORAIN ENGINE  
CISCO: 18087;  
STATUS :ACTIVE  
GMBA: 000550761 METALFAB - MARION METAL FAB PLANT



CISCO: 18095;  
STATUS :INACTIVE  
GMBA: 000550762 METALFAB - MANSFIELD METAL FAB PLANT  
CISCO: 18096;  
STATUS :INACTIVE  
GMBA: 000550769 POWERTRAIN - TONAWANDA  
CISCO: 18160;  
STATUS :ACTIVE  
GMBA: 000550779 CLCD - ORION ASSEMBLY  
CISCO: 19017;  
STATUS :ACTIVE  
GMBA: 000550788 MFD - LORDSTOWN  
CISCO: 19044;  
STATUS :ACTIVE  
GMBA: 000550790 LAD - LORDSTOWN ASSEMBLY  
CISCO: 19078;  
STATUS :INACTIVE  
GMBA: 000550796 LAD - LANSING  
CISCO: 19300;  
STATUS :ACTIVE  
GMBA: 000550797 CLCD - BUICK CITY ASSEMBLY  
CISCO: 19400;  
STATUS :ACTIVE  
GMBA: 000550807 DELPHI E - FLINT EAST  
CISCO: 31005;  
STATUS :ACTIVE  
GMBA: 000550809 DELPHI E - MILWAUKEE  
CISCO: 31011;  
STATUS :INACTIVE  
GMBA: 000550811 DELPHI E - FLINT WEST  
CISCO: 31023;  
STATUS :ACTIVE  
GMBA: 000550814 DELPHI CHASSIS SYSTEMS - WOODMAN DRIVE  
CISCO: 34001;  
STATUS :ACTIVE  
GMBA: 000550821 DELPHI E - ADMIN. BUILDING - ANDERSON  
CISCO: 35001;  
STATUS :ACTIVE  
GMBA: 000550830 DELPHI I - ANDERSON PLANT  
CISCO: 36001;  
STATUS :ACTIVE  
GMBA: 000550835 DELPHI I - FLINT COLDWATER ROAD PLANT  
CISCO: 36125;  
STATUS :INACTIVE  
GMBA: 000550856 DELPHI C - DAYTON OPER. - WISCONSIN BLVD  
CISCO: 41001;  
STATUS :ACTIVE  
GMBA: 000550857 DELPHI C - DAYTON OPER. - NEEDMORE ROAD  
CISCO: 41002;  
STATUS :ACTIVE  
GMBA: 000550861 DELPHI C - SANDUSKY PLANT  
CISCO: 42017;  
STATUS :ACTIVE  
GMBA: 000550867 DELPHI SAGINAW STEERING SYS. - ATHENS  
CISCO: 44004;  
STATUS :ACTIVE  
GMBA: 000550900 GMPTG - TOLEDO PLANT

CISCO: 57098;  
STATUS :ACTIVE  
GMBA: 000550910 DELPHI PACKARD ELECTRIC SYSTEMS GM  
CISCO: 60001;  
STATUS :INACTIVE  
GMBA: 000550912 ELECTRO-MOTIVE - LAGRANGE  
CISCO: 62001;  
STATUS :ACTIVE  
GMBA: 000550920 GMPTG - SAGINAW MALLEABLE IRON PLANT  
CISCO: 65030;  
STATUS :ACTIVE  
GMBA: 000550957 CHEMICAL RISK MANAGEMENT  
CISCO: 89150;  
STATUS :ACTIVE  
GMBA: 000550960 GM DESERT PROVING GROUND  
CISCO: 91008;  
STATUS :ACTIVE  
GMBA: 000550964 GM TECHNICAL CENTER/ENGINEERING BUILDING  
CISCO: 94003;  
STATUS :ACTIVE  
GMBA: 000550966 GM PROVING GROUND - MILFORD  
CISCO: 94017;  
STATUS :ACTIVE  
GMBA: 000550976 GM TECHNICAL CENTER, TOTAL SITE  
CISCO: 96003;  
STATUS :ACTIVE  
GMBA: 000551050 ALLISON TRANSMISSION - INDIANAPOLIS  
STATUS :ACTIVE  
GMBA: 000551424 SERVICE TECHNOLOGY HEADQUARTERS  
CISCO: 18400;  
STATUS :ACTIVE  
GMBA: 000551473 DELPHI C - ENG. TECH. CENTER - DAYTON  
STATUS :ACTIVE  
GMBA: 000551727 ALLISON TRANSMISSION  
CISCO: 63010;  
STATUS :ACTIVE  
GMBA: 000551826 DELPHI CHASSIS SYSTEMS - HOME AVE/VANDAL  
CISCO: 34005;  
STATUS :ACTIVE  
GMBA: 000552480 DIESEL DIVISION, GM OF CANADA LIMITED  
CISCO: 14031;  
STATUS :ACTIVE  
GMBA: 000552481 GMTG - OSHAWA TRUCK ASSEMBLY  
CISCO: 14007;  
STATUS :ACTIVE  
GMBA: 000552483 GM OF CANADA - OSHAWA SER. PARTS ORGAN.  
CISCO: 14501;  
STATUS :ACTIVE  
GMBA: 000552485 GM OF CANADA - OSHAWA CAR ASSEMBLY  
CISCO: 14020;  
STATUS :ACTIVE  
GMBA: 000552486 GM OF CANADA - OSHAWA DELPHI  
STATUS :ACTIVE  
GMBA: 000552487 GM OF CANADA - OSHAWA SOUTH STAMPING PL.  
CISCO: 14070;  
STATUS :INACTIVE  
GMBA: 000552488 GM OF CANADA - OSHAWA SPECIALITY AREAS

CISCO: 14025;  
STATUS :ACTIVE  
GMBA: 000552489 GM OF CANADA - ST CATHARINES COMPON. PL.  
CISCO: 14014;  
STATUS :ACTIVE  
GMBA: 000552494 GM OF CANADA - WINDSOR TRANSMISSION  
CISCO: 14005;  
STATUS :ACTIVE  
GMBA: 000553296 DFO2-SWARTZ CREEK  
STATUS :ACTIVE  
GMBA: 000555104 TRUCK PRODUCT CENTER - WEST  
STATUS :ACTIVE  
GMBA: 000556298 GM TECHNICAL CENTER, TOTAL SITE  
STATUS :ACTIVE  
GMBA: 000556410 DELPHI AUTOMOTIVE-BRIGHTON  
STATUS :ACTIVE  
GMBA: 000556705 ENVIRONMENTAL SYSTEMS HELPDESK  
CISCO: 99004;  
STATUS :ACTIVE  
GMBA: 000556991 LANSING CRAFT CENTRE  
STATUS :ACTIVE  
GMBA: 000556993 DELTA ENGINE  
STATUS :ACTIVE  
GMBA: 000557289 GM TECHNICAL CENTER, R & D  
CISCO: 99010;  
STATUS :ACTIVE  
GMBA: 000557375 SPO - CONTRACT HOUSE  
CISCO: 99011;  
STATUS :ACTIVE