

1FID: 00171523
VER DATE: 1991-01-29

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

DATE: 10/22/02
TIME: 19:01:27
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SECTION 01: CHEMICAL PRODUCT & COMPANY ID

PRODUCT PRIMARY NAME: LOCQUIC PRIMER T (AEROSOL)

ALL SYNONYMS : *56

CN2864
CN7263
CUA: 01-032
CUA1399
DP-SC-22084-HMC-5021
D29-248A
FMF-89-072
G#460-SE-30
GMPN-0624-0010
HMC-1503
HM5137
H115.1
IO624E020
I0624E006
I0624E020
LOCQUIC (R) PRIMER T (AEROSOL)
LOCQUIC PRIMER T (AEROSOL)
LOCQUIC PRIMER T AEROSOL
LOCTITE THREAD LOCKING KIT
L1936
MUA899
NMA 687
P/N: 1A01205
PRIMER T
PRIMER T (AEROSOL)
PRIMER T SPRAY
PW0624-0010
PW0705-0052
PW9985373
SAG 39427960
SEE FID #327128 (REFORMULATED--SAFE USE CHANGE)
TPW1057
T7471
V8-87-0214
0624-0010
0705-0052
0705-0052-6OZ
1030-0072
1052622
1765 001
195870 (OLD FID)
22477
2411689
3HR4
42017-HMC758
47-56 GRADE T SEAL 6OZ LOCTITE
50015 (OLD FID)
55953HM24

747-56
74756
82159
83C215
990085342
9985373

MSDS SIGNED BY NAME: STEPHEN REPETTO
MSDS SIGNED BY TITLE: RESEARCH CHEMIST, ENVIRONMENTAL HEALTH & SAFETY

SAFE USE CATEGORY AND DESCRIPTION: 01 -HALOGENATED SOLVENTS

LAST UPDATED DATE: 1994-01-04

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

CHEMICAL FAMILY NAME: PRODUCT TYPE: AEROSOL PRIMER

SECTION 02: COMPOSITION & INGREDIENT INFO

CAS#	FORMULATION	W/V	CHEMICAL NAME
000067630	R 5.0000/ 10.0000%	W	ISOPROPYL ALCOHOL
000071556	R 85.0000/ 90.0000%	W	ETHANE, 1,1,1-TRICHLORO-
000075650	R 1.0000/ 3.0000%	W	tert-BUTYL ALCOHOL
000099978	R 1.0000/ 3.0000%	W	p-TOLUIDINE, N,N-DIMETHYL-
000109875	R 1.0000/ 3.0000%	W	METHANE, DIMETHOXY-
000124389	R 3.0000/ 5.0000%	W	CARBON DIOXIDE
000149304	R 1.0000/ 3.0000%	W	2-BENZOTHAZOLETHIOL

SECTION 2 - OTHER INFORMATION: WAITING FOR EXACT % OF SARA 313
CHEMICALS TO BE SUPPLIED BY MANUFACTURER.

THRESHOLD LIMIT VALUE: ETHANE, 1,1,1-TRICHLORO-: 350 PPM TWA, 1910
MG/M3, 450 PPM STEL, 2460 MG/M3; ISOPROPYL ALCOHOL: 400 PPM TWA, 983
MG/M3, 500 PPM STEL, 1230 MG/M3 STEL; CARBON DIOXIDE: 30,000 PPM STEL,
54,000 MG/M3 STEL; CARBON DIOXIDE: 5,000 PPM TWA, 9,000 MG/M3;
TERT-BUTYL ALCOHOL: 100 PPM TWA, 303 MG/M3; METHANE, DIMETHOXY-: 1000
PPM TWA, 3110 MG/M3

PERMISSIBLE EXPOSURE LIMIT: ETHANE, 1,1,1-TRICHLORO-: 350 PPM TWA, 1900
MG/M3, 450 PPM STEL, 2450 MG/M3; ISOPROPYL ALCOHOL: 400 PPM TWA, 980
MG/M3, 500 PPM STEL, 1225 MG/M3 STEL; CARBON DIOXIDE: 10,000 PPM ,
18,000 MG/M3, 30,000 PPM STEL, 54,000 MG/M3; TERT-BUTYL ALCOHOL: 100
PPM TWA, 300 MG/M3, 150 PPM STEL, 450 MG/M3 STEL; METHANE, DIMETHOXY-:
1000 PPM TWA, 3100 MG/M3

SECTION 03: HAZARDS IDENTIFICATION

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

EFFECTS OF OVEREXPOSURE: SIGNS AND SYMPTOMS OF EXPOSURE: HEADACHE, NAUSEA, DIZZINESS. NARCOSIS AT HIGH CONCENTRATION. EYE OR SKIN IRRITATION.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: ISOPROPYL ALCOHOL: SKIN DISORDERS, EYE PROBLEMS, RESPIRATORY PROBLEMS 1,1,1-TRICHLOROETHANE: CAS, LIVER, HEART DISEASE, ALCOHOLISM SKIN DISORDERS, EYE PROBLEMS, RESPIRATORY PROBLEMS.

ADDITIONAL HEALTH HAZARD DATA: ETHANE, 1,1,1-TRICHLORO-: DEVELOPMENTAL DELAY, GASTROINTESTINAL, IRRITANT, LIVER, MUTAGEN, NERVOUS SYSTEM; ISOPROPYL ALCOHOL: GASTROINTESTINAL, IRRITANT, NERVOUS SYSTEM, PERIPHERAL NERVOUS SYSTEM, REPRODUCTIVE, VASCULAR; CARBON DIOXIDE: NERVOUS SYSTEM, TERATOGENIC; TERT-BUTYL ALCOHOL: DEVELOPMENTAL, NERVOUS SYSTEM; METHANE, DIMETHOXY-: IRRITANT, NERVOUS SYSTEM, RESPIRATORY; 2-MERCAPTOBENZOTHAZOLE: NERVOUS SYSTEM, REPRODUCTIVE.

SECTION 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES - SKIN: FLUSH WITH WATER. RUBBER OR PLASTIC GLOVES RECOMMENDED
EMERGENCY FIRST AID PROCEDURES - EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. 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.

SECTION 05: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: CARBON DIOXIDE, FOAM, DRY CHEMICAL

UNUSUAL FIRE AND EXPLOSION HAZARDS: CANS MAY RUPTURE IN FIRES.

HMIS CODES:

HMIS REACTIVITY CODE = 0
HMIS HEALTH CODE = 2
HMIS FLAMMABILITY CODE = 2
NFPA CODES:
NFPA FLAMMABILITY CODE = 2
NFPA HEALTH CODE = 2
NFPA REACTIVITY CODE = 0

FLASH POINT TEMPS: = 147.00F

FLASH POINT TEXT: BASE ONLY

FLASH POINT METHOD: TCC

SECTION 5 - OTHER INFORMATION: EXPLOSIVE LIMITS: (5 BY VOLUME IN AIR LOWER: 7% 1,1,1-TRICHLOROETHANE; 2.0% ISOPROPYL ALCOHOL; 1.2% N,N-DIALKYL TOLUIDINE; 0.2% OZ/CU FT. OF AIR MERCAPTOBENZOTHAZOLE (DUST); 2.4% T-BUTYL ALCOHOL; 2.2% DIMETHOXYMETHANE; (5 BY VOLUME IN AIR) UPPER: 15% 1,1,1-TRICHLOROETHANE; 12.7% AT 200 F ISOPROPYL ALCOHOL; 7% N,N-DIALKYL TOLUIDINE; 8% T-BUTYL ALCOHOL; 13.1%

DIMETHOXYMETHANE COMPRESSED GASES: CARBON DIOXIDE; PRESSURE AT ROOM
TEMP.: 50 PSI

SECTION 06: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: REMOVE SOURCES OF IGNITION. ALLOW TO
EVAPORATE WITH GOOD VENTILATION. SOAK UP RESIDUE WITH AN INERT
ABSORBENT. STORE IN A CLOSED CONTAINER UNTIL DISPOSAL.

SECTION 07: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORAGE: STORE BELOW
110 F. HANDLING: AVOID PROLONGED BREATHING OF VAPORS. KEEP AWAY FROM
EYES.

SECTION 08: EXPOSURE CONTROLS - PROTECTION

EYE PROTECTION: SAFETY GLASSES OR GOGGLES RECOMMENDED

VENTILATION: PROVIDE ADEQUATE LOCAL VENTILATION TO MAINTAIN VAPOR
CONCENTRATION BELOW TLV.

SECTION 09: PHYSICAL & CHEMICAL PROPERTIES

THEORETICAL VOC WITHOUT WATER: VOLATILE ORGANIC COMPOUND (EPA METHOD
24): 4.1%; 200 GRAMS PER LITER OF MATERIAL 87.1%; 1025 GRAMS PER LITER
OF MATERIAL LESS EXEMPT COMPOUNDS; 98.2; 1277 GRAMS PER LITER, EXEMPT
COMPOUNDS INCLUDED (BASE ONLY)

BOILING POINT TEMPS: R 170.00F TO 180.00F

SPECIFIC GRAVITY VALUES: = 1.3000

VAPOR DENSITY VALUES: = 4.5000

VAPOR PRESSURE VALUES/UOM: = 100.0000MMHG

EVAPORATION RATE TEXT: (ETHER=1): NOT AVAILABLE

SOLUBILITY IN WATER TEXT: SLIGHT

PH OF PRODUCT AS RECEIVED (NEAT)/TEXT: NOT APPLICABLE

APPEARANCE: YELLOW LIQUID

ODOR: SHARP

SECTION 10: STABILITY & REACTIVITY

STABILITY INDICATOR: Y

STABILITY - TEXT: STABLE

INCOMPATIBLE MATERIALS: SOLVENT MAY REACT VIOLENTLY WITH ALUMINUM ON

PROLONGED CONTACT.

HAZARDOUS DECOMPOSITION PRODUCTS: HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMP TOXIC CHLORIDES. HAZARDOUS DECOMPOSITION PRODUCTS (NON-THERMAL): NONE

HAZARDOUS POLYMERIZATION TEXT: WILL NOT OCCUR.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL DATA UNLIMITED TEXT: EYE, SKIN, AND INHALATION IRRITANT. MODERATELY TOXIC BY INGESTION. ESTIMATED DERMAL LD MORE THAN 2000 MG/KG.

CARCINOGENICITY: NOT LISTED AS A CARCINOGEN BY NTP, IARC OR OSHA.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: FOLLOW EPA AND LOCAL REGULATIONS FOR DISPOSAL OF CHLORINATED HYDROCARBONS.

SECTION 14: TRANSPORT INFORMATION

DOT INFORMATION: DOT (49 CFR 172): DOMESTIC GROUND TRANSPORT PROPER SHIPPING NAME: CONSUMER COMMODITY; HAZARD CLASS OR DIVISION: ORM-D; IDENTIFICATION NUMBER: NONE; MARINE POLLUTANT: 1,1,1-TRICHLOROETHANE

SECTION 14 - OTHER INFORMATION: IATA: PROPER SHIPPING NAME: AEROSOLS, NON-FLAMMABLE. N.O.S. CONTAINING SUBSTANCE IN DIVISION 6,1 PACKING GROUP III; CLASS OR DIVISION: CLASS 2.2, SUBSIDIARY RISK 6.1; UN OR ID NUMBER: UN 1950

SECTION 15: REGULATORY INFORMATION

SECTION 15 - OTHER INFORMATION: ETHANE, 1,1,1-TRICHLORO-, TERT-BUTYL ALCOHOL ARE LISTED AS A SARA SECTION 313 TOXIC CHEMICAL.

SAFE USE CATEGORY AND DESCRIPTION :

01 HALOGENATED SOLVENTS

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

CAS#: 000067630 ISOPROPYL ALCOHOL

REG:

0001,0003,0012,0014,0017,0019,0020,0023,0026,0031,0032,0034
0035,0037,0038,0039,0047,0056,0061,0063,0065,0068,0069,0083
0084,0085,0087,0088

CAS#: 000071556 ETHANE, 1,1,1-TRICHLORO-

REG:

0001,0003,0004,0006,0007,0010,0011,0012,0014,0016,0017,0019
0020,0021,0023,0031,0032,0034,0036,0037,0038,0039,0047,0048
0056,0058,0059,0061,0063,0064,0065,0066,0068,0071,0084,0089

0091,0102,0104,0109,0112,0116,0122,0123

HHS:

REFER TO THE APPROPRIATE SAFE USE INSTRUCTION FOR HEALTH HAZARD INFORMATION.

CAS#: 000075650 tert-BUTYL ALCOHOL

REG:

0001,0003,0012,0017,0019,0020,0023,0031,0034,0037,0038,0039
0047,0056,0061,0063,0065,0068,0084,0088

CAS#: 000099978 p-TOLUIDINE, N,N-DIMETHYL-

REG:

0012

CAS#: 000109875 METHANE, DIMETHOXY-

REG:

0001,0003,0012,0017,0019,0031,0032,0038,0039,0056,0061,0065
0083

CAS#: 000124389 CARBON DIOXIDE

REG:

0001,0003,0012,0017,0019,0032,0038,0039,0061,0063,0065,0076
0084,0122

CAS#: 000149304 2-BENZOTHAZOLETHIOL

REG:

0011,0012,0047,0083,0085,0087,0088

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
0028	WB OTHER 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	0095	FIFRA REG MAT	0098	DSL - CANADA
0099	NDSL - 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: 000550678 SPO - DISTRIBUTABLE MATERIALS
CISCO: 17001;
STATUS :ACTIVE

GMBA: 000550679 SPO - FLINT DIVISIONAL HDQTRS.
CISCO: 17101;
STATUS :ACTIVE

GMBA: 000550715 SPO - MARTINSBURG
CISCO: 17550;
STATUS :INACTIVE

GMBA: 000550732 SPO - LANSING
CISCO: 17576;
STATUS :INACTIVE

GMBA: 000550734 SPO - DRAYTON PLAINS
CISCO: 17578;
STATUS :INACTIVE

GMBA: 000550742 CPC LAKEWOOD
CISCO: 18002;
STATUS :INACTIVE

GMBA: 000550744 GMPTG - BAY CITY
CISCO: 18004;
STATUS :INACTIVE

GMBA: 000550746 GMPTG - POWERTRAIN ENGINEERING
CISCO: 18006;
STATUS :INACTIVE

GMBA: 000550752 METALFAB - GRAND RAPIDS METAL FAB. PLT.
CISCO: 18024;
STATUS :INACTIVE

GMBA: 000550754 CPC GROUP
CISCO: 18037;
STATUS :INACTIVE

GMBA: 000550757 GMPTG - ROMULUS ENGINE PLANT
CISCO: 18063;
STATUS :INACTIVE

GMBA: 000550765 PLANT NAME NOT IN CSIS WHO-ID FILE
CISCO: 18111;
STATUS :ACTIVE

GMBA: 000550769 POWERTRAIN - TONAWANDA
CISCO: 18160;
STATUS :ACTIVE

GMBA: 000550770 METALFAB - PARMA METAL FAB PLANT
CISCO: 18168;
STATUS :INACTIVE

GMBA: 000550772 GMPTG - FLINT V-8 PLANT
CISCO: 18192;
STATUS :ACTIVE

GMBA: 000550773 CLCD PONTIAC PRESSED METAL
CISCO: 18200;
STATUS :INACTIVE

GMBA: 000550775 CHEVROLET CENTRAL OFFICE
CISCO: 18501;

STATUS :INACTIVE
GMBA: 000550779 CLCD - ORION ASSEMBLY
CISCO: 19017;
STATUS :INACTIVE
GMBA: 000550783 BOC LANSING
CISCO: 19027;
STATUS :INACTIVE
GMBA: 000550784 BOC KANSAS CITY
CISCO: 19028;
STATUS :ACTIVE
GMBA: 000550785 CLCD - FLINT
CISCO: 19031;
STATUS :INACTIVE
GMBA: 000550786 METALFAB - GRAND BLANC METAL FAB PLANT
CISCO: 19032;
STATUS :INACTIVE
GMBA: 000550787 METALFAB - KALAMAZOO METAL FAB PLANT
CISCO: 19041;
STATUS :INACTIVE
GMBA: 000550788 MFD - LORDSTOWN
CISCO: 19044;
STATUS :ACTIVE
GMBA: 000550790 LAD - LORDSTOWN ASSEMBLY
CISCO: 19078;
STATUS :ACTIVE
GMBA: 000550796 LAD - LANSING
CISCO: 19300;
STATUS :ACTIVE
GMBA: 000550797 CLCD - BUICK CITY ASSEMBLY
CISCO: 19400;
STATUS :INACTIVE
GMBA: 000550800 CLCD - CLARK STREET
CISCO: 19600;
STATUS :ACTIVE
GMBA: 000550809 DELPHI E - MILWAUKEE
CISCO: 31011;
STATUS :INACTIVE
GMBA: 000550811 DELPHI E - FLINT WEST
CISCO: 31023;
STATUS :ACTIVE
GMBA: 000550812 ALLISON GAS TURBINE - INDIANAPOLIS
CISCO: 33010;
STATUS :ACTIVE
GMBA: 000550814 DELPHI CHASSIS SYSTEMS - WOODMAN DRIVE
CISCO: 34001;
STATUS :INACTIVE
GMBA: 000550815 DELCO CHASSIS - ROCHESTER - CLOSED
CISCO: 34032;
STATUS :INACTIVE
GMBA: 000550816 DELPHI C - SPRING & BUMPER - LIVONIA
CISCO: 34040;
STATUS :INACTIVE
GMBA: 000550821 DELPHI E - ADMIN. BUILDING - ANDERSON
CISCO: 35001;
STATUS :INACTIVE
GMBA: 000550824 DELPHI E - PLANT #14 - OLATHE
CISCO: 35008;

STATUS :ACTIVE
GMBA: 000550830 DELPHI I - ANDERSON PLANT
CISCO: 36001;
STATUS :INACTIVE
GMBA: 000550834 DELPHI I - TRENTON MANUFACTURING
CISCO: 36123;
STATUS :INACTIVE
GMBA: 000550835 DELPHI I - FLINT COLDWATER ROAD PLANT
CISCO: 36125;
STATUS :INACTIVE
GMBA: 000550842 DELPHI H - LOCKPORT
CISCO: 37001;
STATUS :ACTIVE
GMBA: 000550844 DELPHI H - DAYTON PLANT
CISCO: 37006;
STATUS :ACTIVE
GMBA: 000550845 DELPHI H - MORAINES PLANT
CISCO: 37007;
STATUS :ACTIVE
GMBA: 000550851 DELPHI I - ADRIAN
CISCO: 39050;
STATUS :ACTIVE
GMBA: 000550852 DELPHI I - EUCLID PLANT
CISCO: 39080;
STATUS :ACTIVE
GMBA: 000550861 DELPHI C - SANDUSKY PLANT
CISCO: 42017;
STATUS :ACTIVE
GMBA: 000550865 DELPHI SAGINAW STEERING SYS. - SAGINAW
CISCO: 44001;
STATUS :ACTIVE
GMBA: 000550870 SAGINAW DIVISION - DETROIT GEAR & AXLE
CISCO: 44066;
STATUS :ACTIVE
GMBA: 000550875 GMTG - JANESVILLE ASSEMBLY
CISCO: 48027;
STATUS :ACTIVE
GMBA: 000550876 GM TRUCK GROUP-TPC CENTRAL
CISCO: 48028;
STATUS :INACTIVE
GMBA: 000550878 NATP - PONTIAC CENTRAL ASSEMBLY *CLOSED*
CISCO: 48032;
STATUS :INACTIVE
GMBA: 000550883 GMTG - FLINT - T & B ASSEMBLY
CISCO: 48065;
STATUS :INACTIVE
GMBA: 000550884 GMTG - PONTIAC EAST ASSEMBLY
CISCO: 48069;
STATUS :ACTIVE
GMBA: 000550885 GMTG - FORT WAYNE ASSEMBLY
CISCO: 48075;
STATUS :INACTIVE
GMBA: 000550886 GM TRUCK GROUP-TPC VALIDATION
CISCO: 48083;
STATUS :ACTIVE
GMBA: 000550888 METALFAB - FLINT METAL FAB
CISCO: 48091;

STATUS :ACTIVE
GMBA: 000550890 GM TRUCK GROUP-TPC WEST
CISCO: 48200;
STATUS :ACTIVE
GMBA: 000550899 NEW VENTURE GEAR MUNCIE TRANSMISSION DIV
CISCO: 57034;
STATUS :INACTIVE
GMBA: 000550902 DELPHI E - LEXINGTON PLANT - ROCHESTER
CISCO: 58001;
STATUS :ACTIVE
GMBA: 000550905 DELPHI E - GRAND RAPIDS PLANT
CISCO: 58005;
STATUS :INACTIVE
GMBA: 000550907 DELPHI E - ENG. CENTER - HENRIETTA
CISCO: 58007;
STATUS :ACTIVE
GMBA: 000550908 AC DELCO SYSTEMS - DIVISIONAL HAZARDOUS
CISCO: 58011;
STATUS :ACTIVE
GMBA: 000550910 DELPHI PACKARD ELECTRIC SYSTEMS GM
CISCO: 60001;
STATUS :ACTIVE
GMBA: 000550911 PACKARD ELECTRIC - CLINTON
CISCO: 60021;
STATUS :ACTIVE
GMBA: 000550912 ELECTRO-MOTIVE - LAGRANGE
CISCO: 62001;
STATUS :INACTIVE
GMBA: 000550919 GMPTG - DANVILLE PLANT
CISCO: 65010;
STATUS :ACTIVE
GMBA: 000550922 CENTRAL FOUNDRY DIVISION
CISCO: 65034;
STATUS :ACTIVE
GMBA: 000550957 CHEMICAL RISK MANAGEMENT
CISCO: 89150;
STATUS :ACTIVE
GMBA: 000550959 MANUFACTURING BUILDINGS-WARREN
CISCO: 91003;
STATUS :ACTIVE
GMBA: 000550964 GM TECHNICAL CENTER/ENGINEERING BUILDING
CISCO: 94003;
STATUS :ACTIVE
GMBA: 000550965 GMPTG - DENVER VEHICLE EMISSIONS LAB
CISCO: 94011;
STATUS :INACTIVE
GMBA: 000550966 GM PROVING GROUND - MILFORD
CISCO: 94017;
STATUS :INACTIVE
GMBA: 000550970 TECHNICAL STAFF FACILITIES SECTION
CISCO: 94140;
STATUS :INACTIVE
GMBA: 000550974 GM AERODYNAMICS LABORATORY
CISCO: 94570;
STATUS :INACTIVE
GMBA: 000550975 GM AIR TRANSPORT SECTION
CISCO: 94705;

STATUS :ACTIVE
GMBA: 000550976 GM TECHNICAL CENTER, TOTAL SITE
CISCO: 96003;
STATUS :ACTIVE
GMBA: 000550977 NAO RESEARCH & DEVELOPMENT CENTER-WARREN
CISCO: 98003;
STATUS :INACTIVE
GMBA: 000555103 TRUCK PRODUCT CENTER VALIDATION
STATUS :ACTIVE
GMBA: 000555104 TRUCK PRODUCT CENTER - WEST
STATUS :ACTIVE
GMBA: 000556298 GM TECHNICAL CENTER, TOTAL SITE
STATUS :INACTIVE
GMBA: 000556705 ENVIRONMENTAL SYSTEMS HELPDESK
CISCO: 99004;
STATUS :ACTIVE
GMBA: 000556732 POWERTRAIN, FLINT ENGINE SOUTH L6
STATUS :ACTIVE
GMBA: 000556990 LANSING CAR ASSEMBLY-CHASSIS
CISCO: 99009;
STATUS :ACTIVE
GMBA: 000556992 LANSING METAL FAB DIVISION
STATUS :ACTIVE
GMBA: 000556993 DELTA ENGINE
STATUS :ACTIVE
GMBA: 000556994 LANSING MACHINE TOOL OPERATIONS
STATUS :ACTIVE
GMBA: 000557289 GM TECHNICAL CENTER, R & D
CISCO: 99010;
STATUS :ACTIVE