

1FID: 00193881
VER DATE: 1993-05-24

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

DATE: 10/22/02
TIME: 19:01:32
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SECTION 01: CHEMICAL PRODUCT & COMPANY ID

PRODUCT PRIMARY NAME: LOCTITE 565 PST PIPE SEALANT THREAD SEALANT

ALL SYNONYMS : *61

CN29182
CN7095
CUA: 26-229
DP/MCS HMC0071
DP/MCS OSC53258
EP # 08.130
E1122
FAH 1335
FMD-124
FMD-124B
GM PIPE SEALANT WITH TEFLON (FORMER)
GOODWRENCH PIPE SEALANT WITH TEFLON
H1015
IH-726-86
L 2000-0037
L 2000-0044
L-12A-552
LH-05-1
LOCTITE NEW PST PIPE SEALANT 565 (FORMER)
LOCTITE PST PIPE SEALANT WITH TEFLON 565 THREAD SEALANT
CONTROLLED STRENGTH (FORMER)
LOCTITE 565
LOCTITE 565 PST PIPE SEALANT
LOCTITE 565 PST PIPE SEALANT THREAD SEALANT
LOCTITE- PST 565 PIPE SEALANT
NEW PST PIPE SEALANT 565
P/N: 1S01332
PIPE SEALANT WITH PTFE
PIPE SEALANT 565
PST INDUSTRIAL GRADE PIPE SEALANT (FORMER)
PST PIPE SEALANT
PST PIPE SEALANT 565
PST PIPE SEALANT 565 (56571)
PST 565 PIPE SEALANT
PST(R) 565 PIPE SEALANT
P135.8
SA 1655
SA-1655
SAG 5419
SL-172
TEFLON PIPE SEALER
TPW2002
TRNG. CAT. 1527
V8-89-0064
10-2002
10952720
12346004
193881

23255
238718 (OLD FID)
26195 (ITEM NO.)
300288 (OLD FID)
317919 (OLD FID)
317970 (OLD FID)
323357 (OLD FID)
336345 (OLD FID)
37530
40062488
42017-HMC1386
55953HM124
565
565 PST PIPE SEALANT
56531
56541
56543 (ITEM NO.)
56571
58001HM124
88900326
89PS0294
9SR322
93L006
960151
9985427
9985427C

MSDS SIGNED BY NAME: STEPHEN REPETTO

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

LAST UPDATED DATE: 2002-04-19

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: AS OF 4-19-02, THE MSDS DATED 1-27-99 IS
THE MOST RECENT PER THE MANUFACTURER. PREPARED BY: STEPHEN REPETTO.
TITLE: RESEARCH CHEMIST, HEALTH AND REGULATORY AFFAIRS.

WHMIS CLASSIFICATION: REGULATED
D2A: POISONOUS AND INFECTIOUS MATERIALS
MATERIALS CAUSING OTHER TOXIC EFFECTS
VERY TOXIC MATERIAL
D2B: POISONOUS AND INFECTIOUS MATERIALS
MATERIALS CAUSING OTHER TOXIC EFFECTS
TOXIC MATERIAL

SECTION 02: COMPOSITION & INGREDIENT INFO

CAS#	FORMULATION	W/V	CHEMICAL NAME
000080159	R 1.0000/ 3.0000%	W	HYDROPEROXIDE, alpha,alpha-DIMETHYLBENZYL-
000081072	R 1.0000/ 3.0000%	W	1,2-BENZISOTHIAZOLIN-3-ONE, 1,1-DIOXIDE
000613489	R 0.1000/ 1.0000%	W	Benzenamine, N,N-diethyl-4-methyl-
009002840	R 5.0000/ 10.0000%	W	ETHYLENE, TETRAFLUORO-, POLYMER
009002884	R 0.1000/ 0.5000%	W	POLYETHYLENE
009004368	R 15.0000/ 20.0000%	W	Cellulose, acetate butanoate
013463677	R 3.0000/ 5.0000%	W	TITANIUM OXIDE
025852475	R 35.0000/ 40.0000%	W	Poly(oxy-1,2-ethanediyl), .alpha.-(2-methyl-1-oxo-2-propenyl)-.omega.-[(2-methyl-1-oxo-2-propenyl)oxy]-
068332627	R 25.0000/ 30.0000%	W	Hexanedioic acid, polymer with 1,3-butanediol, hexadecanoate
112945525	R 3.0000/ 5.0000%	W	SILICA, AMORPHOUS FUMED

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
PRIMARY ROUTES OF ENTRY TEXT: NONE KNOWN.

EFFECTS OF OVEREXPOSURE - SKIN: SIGNS AND SYMPTOMS OF EXPOSURE: MAY CAUSE DERMATITIS ON PROLONGED CONTACT IN SENSITIVE INDIVIDUALS.
EFFECTS OF OVEREXPOSURE - EYE: TOXICITY: MODERATE EYE IRRITANT.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NONE KNOWN.

ADDITIONAL HEALTH HAZARD DATA: TARGET ORGAN AND OTHER HEALTH EFFECTS:
(25852-47-5): ALLERGEN, IRRITANT. (68332-62-7): NO DATA. (9004-36-8): NO TARGET ORGANS. (9002-84-0): NO TARGET ORGANS. (112945-52-5): NUISANCE DUST. (13463-67-7): IRRITANT, RESPIRATORY. (80-15-9): ALLERGEN, CENTRAL NERVOUS SYSTEM, CORROSIVE, IRRITANT. (81-07-2): NO TARGET ORGANS. (613-48-9): NO TARGET ORGANS. (9002-88-4): NO TARGET ORGANS.

SECTION 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES - SKIN: CONTACT: WASH WITH SOAP AND WATER.
EMERGENCY FIRST AID PROCEDURES - EYES: CONTACT: FLUSH AT LEAST 15 MINUTES WITH WATER. OBTAIN MEDICAL ATTENTION.
EMERGENCY FIRST AID PROCEDURES - INHALATION: DOES NOT APPLY.
EMERGENCY FIRST AID PROCEDURES - INGESTION: DO NOT INDUCE VOMITING. KEEP INDIVIDUAL CALM. OBTAIN MEDICAL ATTENTION.

SECTION 05: FIRE-FIGHTING MEASURES

SPECIAL FIRE FIGHTING PROCEDURES: RECOMMENDED EXTINGUISHING AGENTS: CARBON DIOXIDE, FOAM, DRY CHEMICAL. SPECIAL FIREFIGHTING PROCEDURES:

NOT AVAILABLE.

UNUSUAL FIRE AND EXPLOSION HAZARDS: UNUSUAL FIRE OR EXPLOSION HAZARDS:
NONE.

HMIS CODES:

HMIS REACTIVITY CODE = 1

HMIS HEALTH CODE = 1

HMIS FLAMMABILITY CODE = 1

NFPA CODES:

NFPA FLAMMABILITY CODE = 1

NFPA HEALTH CODE = 1

NFPA REACTIVITY CODE = 1

FLASH POINT TEMPS: > 200.00F

FLASH POINT METHOD: TCC

FLASH POINT METHOD TEXT: TAG CLOSED CUP.

SECTION 5 - OTHER INFORMATION: HAZARDOUS PRODUCTS FORMED BY FIRE OR
THERMAL DECOMP: IRRITATING ORGANIC VAPORS. TOXIC FLUORIDES. EXPLOSIVE
LIMITS: (% BY VOLUME IN AIR) LOWER, UPPER: NOT AVAILABLE. ESTIMATED
NPFA CODE: SPECIFIC HAZARD: DOES NOT APPLY. ESTIMATED HMIS CODE:
PERSONAL PROTECTION: SEE SECTION 8.

SECTION 06: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:
SOAK UP IN AN INERT ABSORBENT. STORE IN A PARTLY FILLED, CLOSED
CONTAINER UNTIL DISPOSAL.

SECTION 07: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: SAFE STORAGE: STORE
BELOW 100 F. (CONTACT LOCTITE CUSTOMER SERVICE 1-800-243-4874 FOR SHELF
LIFE INFORMATION). HANDLING: AVOID PROLONGED SKIN CONTACT. KEEP AWAY
FROM EYES.

SECTION 08: EXPOSURE CONTROLS - PROTECTION

EYE PROTECTION: SAFETY GLASSES OR GOGGLES.

RESPIRATORY PROTECTION: NOT AVAILABLE.

ENGINEERING CONTROLS: VENTILATION: DOES NOT APPLY.

PROTECTIVE GLOVES (SPECIFY TYPE): RUBBER OR PLASTIC GLOVES.

SECTION 09: PHYSICAL & CHEMICAL PROPERTIES

OTHER VOLATILE ORGANIC COMPOUND RELATED DATA: 0.73LB/GAL

ANALYTICAL VOC WITHOUT WATER: 0.73 BY W

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 MM AT 80 F.

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

SOLUBILITY IN WATER TEXT: SLIGHT.

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

APPEARANCE: WHITE PASTE.

ODOR: MILD ODOR.

PHYSICAL STATE: PAS

SECTION 9 - OTHER INFORMATION: VOLATILE ORGANIC COMPOUND (EPA METHOD 24): 7.9%; 87 GRAMS PER LITER, 0.73 LB/GAL (ANALYTICAL). LBS/GAL VOC CONVERTED FROM MSDS VALUE.

SECTION 10: STABILITY & REACTIVITY

STABILITY INDICATOR: Y

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

HAZARDOUS DECOMPOSITION PRODUCTS: HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMP: IRRITATING ORGANIC VAPORS. TOXIC FLUORIDES. HAZARDOUS DECOMPOSITION PRODUCTS (NON-THERMAL): IRRITATING ORGANIC AND INORGANIC VAPORS. TOXIC FLUORIDES.

HAZARDOUS POLYMERIZATION INDICATOR: N

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL DATA UNLIMITED TEXT: TARGET ORGAN AND OTHER HEALTH EFFECTS: (80-15-9): MUTAGEN. TOXICOLOGICAL INFORMATION: ESTIMATED ORAL LD50 GREATER THAN 5,000 MG/KG. ESTIMATED DERMAL LD50 GREATER THAN 2,000 MG/KG.

CARCINOGENICITY: (9002-84-0), (112945-52-5), (81-07-2), (9002-88-4): NTP, OSHA: NO, IARC: NOT APPLICABLE. FOR ALL OTHER INGREDIENTS: NTP, IARC, OSHA: NO.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: NO DATA AVAILABLE.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: RECOMMENDED METHODS OF DISPOSAL: INCINERATE OR DISPOSE OF IN APPROVED LANDFILL FOR NON-RCRA MATERIALS FOLLOWING LOCAL,

STATE AND FEDERAL REGULATIONS. EPA HAZARDOUS WASTE NUMBER: NH-NOT A RCRA HAZARDOUS WASTE MATERIAL.

SECTION 14: TRANSPORT INFORMATION

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

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

TDG CLASSIFICATION: NON-REGULATED
TDG SHIPPING NAME: N/R
TDG UN NUMBER: N/R
TDG HAZARD CLASS: N/R
TDG PACKING GROUP: N/R

SECTION 15: REGULATORY INFORMATION

SARA 311/312 HAZARD INDICATORS:
IMMEDIATE HEALTH INDICATOR = N
DELAYED HEALTH INDICATOR = N

SECTION 15 - OTHER INFORMATION: ALL COMPONENTS ARE EITHER ON OR EXEMPT FROM THE TSCA INVENTORY. THIS COMPONENT IS LISTED AS A SARA SECTION 313 TOXIC CHEMICAL: (80-15-9). CA PROPOSITION 65: NO CALIFORNIA PROPOSITION 65 CHEMICALS ARE KNOWN TO BE PRESENT.

SECTION 16: OTHER INFORMATION

RCRA HAZARDOUS WASTE NUMBER TEXT: RECOMMENDED METHODS OF DISPOSAL: INCINERATE OR DISPOSE OF IN APPROVED LANDFILL FOR NON-RCRA MATERIALS FOLLOWING LOCAL, STATE AND FEDERAL REGULATIONS. EPA HAZARDOUS WASTE NUMBER: NH-NOT A RCRA HAZARDOUS WASTE MATERIAL.
SAFE USE CATEGORY AND DESCRIPTION :

05 ADHESIVES - SOLVENT-BASED POLYURETHANES,

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

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#: 000613489 Benzenamine, N,N-diethyl-4-methyl-

REG: 0012

CAS#: 009002840 ETHYLENE, TETRAFLUORO-, POLYMER
REG: 0012,0061

CAS#: 009002884 POLYETHYLENE
REG: 0012

CAS#: 009004368 Cellulose, acetate butanoate
REG: 0012

CAS#: 013463677 TITANIUM OXIDE
REG: 0001,0003,0012,0023,0031,0032,0038,0039,0056,0061,0063,0065
0084

CAS#: 025852475 Poly(oxy-1,2-ethanediyl), .alpha.-(2-methyl-1-oxo-2-pro
REG: 0012

CAS#: 068332627 Hexanedioic acid, polymer with 1,3-butanediol, hexadeca
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
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	0115	IARC-GROUP 1
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: 000550757 GMPTG - ROMULUS ENGINE PLANT
CISCO: 18063;
STATUS :INACTIVE

GMBA: 000550788 MFD - LORDSTOWN
CISCO: 19044;
STATUS :ACTIVE

GMBA: 000550796 LAD - LANSING
CISCO: 19300;
STATUS :ACTIVE

GMBA: 000550797 CLCD - BUICK CITY ASSEMBLY
CISCO: 19400;
STATUS :ACTIVE

GMBA: 000550801 GMPTG - LIVONIA ENGINE PLANT
CISCO: 19605;
STATUS :ACTIVE

GMBA: 000550807 DELPHI E - FLINT EAST
CISCO: 31005;
STATUS :ACTIVE

GMBA: 000550838 FISHER GUIDE DIVISION
CISCO: 36601;
STATUS :ACTIVE

GMBA: 000550875 GMTG - JANESVILLE ASSEMBLY
CISCO: 48027;
STATUS :ACTIVE

GMBA: 000550905 DELPHI E - GRAND RAPIDS PLANT
CISCO: 58005;
STATUS :ACTIVE

GMBA: 000550911 PACKARD ELECTRIC - CLINTON
CISCO: 60021;
STATUS :ACTIVE

GMBA: 000550957 CHEMICAL RISK MANAGEMENT
CISCO: 89150;
STATUS :ACTIVE

GMBA: 000550960 GM DESERT PROVING GROUND
CISCO: 91008;
STATUS :ACTIVE

GMBA: 000550965 GMPTG - DENVER VEHICLE EMISSIONS LAB
CISCO: 94011;
STATUS :ACTIVE

GMBA: 000550966 GM PROVING GROUND - MILFORD

CISCO: 94017;
STATUS :ACTIVE
GMBA: 000550970 TECHNICAL STAFF FACILITIES SECTION
CISCO: 94140;
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: 000551867 CLCD HEADQUARTERS - TECH CENTER
STATUS :ACTIVE
GMBA: 000552480 DIESEL DIVISION, GM OF CANADA LIMITED
CISCO: 14031;
STATUS :INACTIVE
GMBA: 000552483 GM OF CANADA - OSHAWA SER. PARTS ORGAN.
CISCO: 14501;
STATUS :ACTIVE
GMBA: 000552484 GM OF CANADA - OSHAWA CENTRAL PL. MAINT.
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: 000552490 GM OF CANADA - ST CATHARINES ENGINE PL.
CISCO: 14024;
STATUS :ACTIVE
GMBA: 000552491 GM OF CANADA - ST CATH. GLENDALE WEST
CISCO: 14034;
STATUS :ACTIVE
GMBA: 000552497 GM OF CANADA LTD. - WOODSTOCK PARTS DIST
CISCO: 14502;
STATUS :ACTIVE
GMBA: 000555103 TRUCK PRODUCT CENTER VALIDATION
STATUS :INACTIVE
GMBA: 000555104 TRUCK PRODUCT CENTER - WEST
STATUS :INACTIVE
GMBA: 000556298 GM TECHNICAL CENTER, TOTAL SITE
STATUS :ACTIVE
GMBA: 000556705 ENVIRONMENTAL SYSTEMS HELPDESK
CISCO: 99004;
STATUS :ACTIVE
GMBA: 000556732 POWERTRAIN, FLINT ENGINE SOUTH L6
STATUS :ACTIVE

GMBA: 000556992 LANSING METAL FAB DIVISION
STATUS :ACTIVE
GMBA: 000557289 GM TECHNICAL CENTER, R & D
CISCO: 99010;
STATUS :ACTIVE
GMBA: 000557375 SPO - CONTRACT HOUSE
CISCO: 99011;
STATUS :ACTIVE
GMBA: 000557381 SPO-ALL FACILITIES
STATUS :ACTIVE