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NOMENCLATURE GUIDE

for the

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METALS

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: METAL

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
A03550	ALUMINUM FOUNDRY ALLOY (CASTING, 355.0)	ALUMINUM	
A03560	ALUMINUM FOUNDRY ALLOY (CASTING, 356.0)	ALUMINUM	
A05160	ALUMINUM FOUNDRY ALLOY (CASTING, 516.0)	ALUMINUM	
A05180	ALUMINUM FOUNDRY ALLOY (CASTING, 518.0)	ALUMINUM	
A05350	ALUMINUM FOUNDRY ALLOY (CASTING, 535.0)	ALUMINUM	
A07110	ALUMINUM FOUNDRY ALLOY (CASTING, 711.0)	ALUMINUM	
A07120	ALUMINUM FOUNDRY ALLOY (CASTING, 712.0)	ALUMINUM	
A12010	ALUMINUM FOUNDRY ALLOY (CASTING, A201.0)	ALUMINUM	
A13560	ALUMINUM FOUNDRY ALLOY (CASTING, A356.0)	ALUMINUM	

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: METAL

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SURCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
A13600	ALUMINUM FOUNDRY ALLOY (CASTING, A360.0)	ALUMINUM	
A24430	ALUMINUM FOUNDRY ALLOY (CASTING, B443.0)	ALUMINUM	
A33550	ALUMINUM FOUNDRY ALLOY (CASTING, C335.0)	ALUMINUM	
A91100	WROUGHT ALUMINUM ALLOY (1100)	ALUMINUM	
A91230	WROUGHT ALUMINUM ALLOY (1230)	ALUMINUM	
A92014	WROUGHT ALUMINUM ALLOY (2014)	ALUMINUM	
A92017	WROUGHT ALUMINUM ALLOY (2017)	ALUMINUM	
A92024	WROUGHT ALUMINUM ALLOY (2024)	ALUMINUM	
A92117	WROUGHT ALUMINUM ALLOY (2117)	ALUMINUM	

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: METAL

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
A92219	WROUGHT ALUMINUM ALLOY (2219)	ALUMINUM	
A92618	WROUGHT ALUMINUM ALLOY (2618)	ALUMINUM	
A93003	WROUGHT ALUMINUM ALLOY (3003)	ALUMINUM	
A94043	WROUGHT ALUMINUM ALLOY (4043)	ALUMINUM	
A95005	WROUGHT ALUMINUM ALLOY (5005)	ALUMINUM	
A95050	WROUGHT ALUMINUM ALLOY (5050)	ALUMINUM	
A95052	WROUGHT ALUMINUM ALLOY (5052)	ALUMINUM	
A95056	WROUGHT ALUMINUM ALLOY (5056)	ALUMINUM	
A95083	WROUGHT ALUMINUM ALLOY (5083)	ALUMINUM	

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: METAL

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
A95086	WROUGHT ALUMINUM ALLOY (5086)	ALUMINUM	
A95154	WROUGHT ALUMINUM ALLOY (5154)	ALUMINUM	
A95356	WROUGHT ALUMINUM ALLOY (5356)	ALUMINUM	
A95454	WROUGHT ALUMINUM ALLOY (5454)	ALUMINUM	
A95456	WROUGHT ALUMINUM ALLOY (5456)	ALUMINUM	
A96053	WROUGHT ALUMINUM ALLOY (6053)	ALUMINUM	
A96061	WROUGHT ALUMINUM ALLOY (6061)	ALUMINUM	
A96063	WROUGHT ALUMINUM ALLOY (6063)	ALUMINUM	
A96070	WROUGHT ALUMINUM ALLOY (6070)	ALUMINUM	

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: METAL

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
A96151	WROUGHT ALUMINUM ALLOY (6151)	ALUMINUM	
A97001	WROUGHT ALUMINUM ALLOY (7001)	ALUMINUM	
A97039	WROUGHT ALUMINUM ALLOY (7039)	ALUMINUM	
A97072	WROUGHT ALUMINUM ALLOY (7072)	ALUMINUM	
A97075	WROUGHT ALUMINUM ALLOY (7075)	ALUMINUM	
A97079	WROUGHT ALUMINUM ALLOY (7079)	ALUMINUM	
A97179	WROUGHT ALUMINUM ALLOY (7178)	ALUMINUM	
A97277	WROUGHT ALUMINUM ALLOY (7277)	ALUMINUM	
A98280	WROUGHT ALUMINUM ALLOY (8280)	ALUMINUM	

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: METAL

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
XXXXX	ALUMINUM	ALUMINUM	
C10100	OXYGEN FREE ELECTRONIC COPPER	COPPER	OFE COPPER
C10200	OXYGEN FREE COPPER	COPPER	COPPER OF
C11000	ELECTROLYTIC TIGHT PITCH COPPER	COPPER	ETP COPPER
C12000	LOW RESIDUAL PHOSPHORUS COPPER	COPPER	DLP COPPER
C12200	HIGH RESIDUAL PHOSPHORUS COPPER	COPPER	DHP COPPER
C16200	CADMIUM COPPER	COPPER	
C16500	CADMIUM COPPER ALLOY	COPPER	
C17200	BERYLLIUM COPPER	COPPER	

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: METAL

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
C18400	CHROMIUM COPPER	COPPER	
C18900	HIGH COPPER ALLOY	COPPER	
C2100C	GILDING (95% COPPER/ZINC)	COPPER	
C22000	COMMERCIAL BRONZE (90%)	COPPER	
C23000	RED BRASS (85%)	COPPER	
C24000	LOW BRASS (80%)	COPPER	
C26000	CARTRIDGE BRASS (70%)	COPPER	
C26100	BRASS	COPPER	
C26800	YELLOW BRASS (66%)	COPPER	

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: METAL

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
C27000	YELLOW BRASS (65%)	COPPER	
C28000	MUNTZ METAL (60%)	COPPER	
C33100	LEADED BRASS	COPPER	
C36000	FREE CUTTING BRASS	COPPER	
C37700	FORGING BRASS	COPPER	
C41100	TIN BRASS	COPPER	
C44300	ADMIRALTY BRASS (ARSENICAL)	COPPER	
C44500	ADMIRALTY BRASS (PHOSPHORIZED)	COPPER	
C46400	NAVAL BRASS (UNIMMIBITTED)	COPPER	

MATERIALS NOMENCLATURE TABLE

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL CLASS: METAL		MATERIAL COMMON/TRADE NAMES
		MATERIAL SUBCLASS (FAMILY)		
C46480	NAVAL BRASS	COPPER		
C51000	PHOSPHOR BRONZE (5% A)	COPPER		
C51800	PHOSPHOR BRONZE	COPPER		
C52100	PHOSPHOR BRONZE (8%)	COPPER		
C60000	ALUMINUM BRONZE	COPPER		
C60600	ALUMINUM BRONZE	COPPER		
C61000	ALUMINUM BRONZE	COPPER		
C63000	ALUMINUM BRONZE	COPPER		
C65500	HIGH SILICON BRONZE A	COPPER		

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: METAL

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
C65600	SILICON BRONZE	COPPER	
C67000	MANGANESE BRONZE B	COPPER	
C67500	MANGANESE BRONZE A	COPPER	
C68000	BRONZE (LOW-FUNCTION, NICKEL)	COPPER	
C68700	ALUMINUM BRASS (ARSENICAL)	COPPER	
C70200	COPPER-NICKEL	COPPER	
C70600	COPPER-NICKEL (10%)	COPPER	
C71500	COPPER-NICKEL (30%)	COPPER	
C79800	BENEDICT METAL	COPPER	

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: METAL

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
C85210	YELLOW BRASS	COPPER	
C90500	CAST TIN BRONZE	COPPER	
C92600	CAST LEADED TIN BRONZE	COPPER	
CXXXXX	COPPER	COPPER	
F12101	CAST IRON	IRON	
F12102	CAST IRON	IRON	CLASS 30 GRAY IRON
F12801	CAST IRON	IRON	
F33800	CAST IRON	IRON	PEARLITIC DUCTILE IRON
F43020	CAST IRON	IRON	

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: METAL

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
F47001	CAST IRON	IRON	
F47003	CAST IRON	IRON	
FXXXXX	IRON	IRON	
G10100	CARBON STEEL (1010)	IRON (STEEL)	
G10200	CARBON STEEL (1020)	IRON (STEEL)	
G10300	CARBON STEEL (1030)	IRON (STEEL)	
G10350	CARBON STEEL (1035)	IRON (STEEL)	
G10400	CARBON STEEL (1040)	IRON (STEEL)	
G10950	CARBON STEEL (1095)	IRON (STEEL)	

MATERIALS NOMENCLATURE TABLE

MATERIAL CODE	MATERIAL CLASS: METAL			MATERIAL COMMON/TRADE NAMES
	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	IRON (STEEL)	
G11440	REINFORCED CARBON STEEL (1144)		IRON (STEEL)	
G12134	CARBON STEEL (1213)		IRON (STEEL)	
G13400	MO ALLOY STEEL (1340)		IRON (STEEL)	
G41300	Cr-Mo ALLOY STEEL (4130)		IRON (STEEL)	
G41400	Cr-Mo ALLOY STEEL (4140)		IRON (STEEL)	
G43400	NI-Cr-Mo ALLOY STEEL (4340)		IRON (STEEL)	
G52086	Cr ALLOY STEEL (52100)		IRON (STEEL)	
G86300	NI-Cr-Mo ALLOY STEEL (8630)		IRON (STEEL)	
GXXXXX	CARBON STEEL		IRON (STEEL)	

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: METAL

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
J03002	CARBON STEEL CASTING	IRON (STEEL)	
J91540	ALLOY STEEL CASTING	IRON (STEEL)	CA-6NM
K01200	CARBON STEEL	IRON (STEEL)	
K01201	CARBON STEEL	IRON (STEEL)	
K02600	CARBON STEEL	IRON (STEEL)	
K02X00	CARBON STEEL A283	IRON (STEEL)	
K02X03	CARBON STEEL A283C	IRON (STEEL)	
K03006	CARBON STEEL	IRON (STEEL)	
K11576	ALLOY STEEL	IRON (STEEL)	

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: METAL

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
K12539	ALLOY STEEL	IRON (STEEL)	
K21590	ALLOY STEEL	IRON (STEEL)	
K24728	ALLOY STEEL	IRON (STEEL)	D-6
K31820	ALLOY STEEL	IRON (STEEL)	HY-80 STEEL
K44220	ALLOY STEEL	IRON (STEEL)	300M
KXXXXX	STEEL	IRON (STEEL)	
L01000	CADMIUM METAL	CADMIUM	CADMIUM PLATING
L10XXX	LEAD-TIN SOLDER	LEAD	
L13000	BLOCK TIN	TIN	

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: METAL

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
L13600	TIN-LEAD SOLDER	LEAD	
L13690	WHITE METAL BEARING ALLOY	TIN	BABBITT METAL
L2000X	Sn-Bi ALLOY; TIN - BISMUTH ALLOY	TIN	MS
L50045	COMMON LEAD	LEAD	
L50070	GRADE B REFINED LEAD	LEAD	
L50090	CHEMICAL B GRADE LEAD	LEAD	
L52605	1% ANTIMONIAL LEAD	LEAD	
L54800	WOOD'S METAL	TIN	
L54915	40/60 S ALLOY 40A)	TIN	

MATERIALS NOMENCLATURE TABLE

MATERIAL CODE	MATERIAL CLASS: METAL		MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
	MATERIAL TYPE/NAME			
L5XXXX	LEAD	LEAD		
M11310	MAGNESIUM ALLOY-SHEET AND PLATE (A231A)	MAGNESIUM		
M11311	MAGNESIUM ALLOY-UNFOUGHT-EXTRUDED SHAPES-FORGINGS (A231B)	MAGNESIUM		
M11914	MAGNESIUM ALLOY-CASTING (A291C)	MAGNESIUM		
M11920	MAGNESIUM ALLOY-CASTING (A292A)	MAGNESIUM		
M13210	MAGNESIUM ALLOY-UNFOUGHT PRODUCTS-FORGING HM21A	MAGNESIUM		
M13310	MAGNESIUM ALLOY-CASTING (HK31A)	MAGNESIUM		
MD1XXX	MAGNESIUM (GENERAL)	MAGNESIUM		
MO2200	COMMERCIALLY PURE NICKEL ALLOY	NICKEL		NICKEL 200

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: METAL

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
N02270	COMMERCIAL PURE NICKEL ALLOY	NICKEL	NICKEL 270
N04400	NI-CU ALLOY	NICKEL	NOMEL 400
N05500	NI-CU ALLOY	NICKEL	NOMEL K500, GENERAL NOMEL
N06001	NI-Cr ALLOY	NICKEL	MASTELLOY F
N06003	NI-Cr ALLOY	NICKEL	NICHROME V
N06007	NI-Cr ALLOY	NICKEL	MASTELLOY G
N06600	NI-Cr ALLOY	NICKEL	INCONEL 600, GENERAL INCONEL
N06625	NI-Cr ALLOY	NICKEL	INCONEL 625
N07041	NI-Cr ALLOY	NICKEL	RENE 41

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: METAL

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
W07718	NI-CR ALLOY	NICKEL	INCONEL 718
W07750	NI-CR ALLOY	NICKEL	INCONEL X750
W08020	NI-Fe-Cr ALLOY	NICKEL	CARPENTER 20CB3
W08800	Fe-NI-Cr ALLOY	NICKEL	INCOLOY 800
W08825	NI-Fe-Cr ALLOY	NICKEL	INCOLOY 825
W10001	NI-Mo ALLOY	NICKEL	HASTELLOY B
W10002	NI-Mo ALLOY	NICKEL	HASTELLOY C
W10276	NI-Mo ALLOY	NICKEL	HASTELLOY C276
W10665	NI-Mo ALLOY	NICKEL	HASTELLOY B-2

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: METAL

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
W0000X	NICKEL	NICKEL	
P07015	REFINED SILVER (99.95)	SILVER	STERLING SILVER
P07016	SILVER	SILVER	
R05200	TANTALUM (UNALLOYED, CAST)	TANTALUM	
R05400	TANTALUM (UNALLOYED, SINTERED)	TANTALUM	
R05XXX	TANTALUM	TANTALUM	
R20990	CHROMIUM METAL	CHROMIUM	CHROMIUM PLATING
R30188	Co-Cr-Ni-W ALLOY	COBALT	ALLOY HS-188
R50400	TITANIUM (UNALLOYED)	TITANIUM	

MATERIALS NOMENCLATURE TABLE

MATERIAL CODE	MATERIAL CLASS: METAL			MATERIAL COMMON/TRADE NAMES
	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)		
R50XXX	TITANIUM	TITANIUM		
R54520	TITANIUM ALLOY	TITANIUM		
R54810	TITANIUM ALLOY	TITANIUM		
R56090	TITANIUM ALLOY	TITANIUM		
R56400	TITANIUM ALLOY	TITANIUM		
R56401	TITANIUM ALLOY	TITANIUM		TIMEY TI-6A 4V
R56430	TITANIUM ALLOY	TITANIUM		
R58010	TITANIUM ALLOY	TITANIUM		
R60702	ZIRCONIUM (UNALLOYED)	ZIRCONIUM		

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: METAL

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	MATERIAL CORROSION/TRADE NAMES
R600XX	ZIRCONIUM	ZIRCONIUM	
S13800	Cr-Ni-Al-Mo STAINLESS STEEL	IRON (STEEL)	PH 13-8 Mo STEEL
S15500	Cr-Ni-Cu STAINLESS STEEL	IRON (STEEL)	15-5 PH STEEL
S15700	Cr-Ni-Al-Mo STAINLESS STEEL	IRON (STEEL)	PH 15-7 Mo STEEL
S17400	Cr-Ni-Cu STAINLESS STEEL	IRON (STEEL)	17-4 PH STEEL
S17700	Cr-Ni-Al STAINLESS STEEL	IRON (STEEL)	17-7 PH STEEL
S20910	AUSTENITIC Cr-Ni-Mo-Mo STAINLESS STEEL	IRON (STEEL)	22-13-5 STEEL
S30100	AUSTENITIC Cr-Ni STAINLESS STEEL (301)	IRON (STEEL)	
S30200	AUSTENITIC Cr-Ni STAINLESS STEEL (302)	IRON (STEEL)	

MATERIALS NOMENCLATURE TABLE

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL CLASS: METAL		MATERIAL COMMON/TRADE NAMES
		MATERIAL SUBCLASS (FAMILY)		
S30323	AUSTENITIC Cr-Ni STAINLESS STEEL (303 SE)	IRON (STEEL)		
S30400	AUSTENITIC Cr-Ni STAINLESS STEEL (304)	IRON (STEEL)		
S30403	AUSTENITIC Cr-Ni STAINLESS STEEL (304L)	IRON (STEEL)		
S30900	AUSTENITIC Cr-Ni STAINLESS STEEL (309)	IRON (STEEL)		
S31000	AUSTENITIC Cr-Ni STAINLESS STEEL (310)	IRON (STEEL)		
S31008	AUSTENITIC Cr-Ni STEEL (310S)	IRON (STEEL)		
S31600	AUSTENITIC Cr-Ni-Mo STAINLESS STEEL (316)	IRON (STEEL)		
S31603	AUSTENITIC Cr-Ni-Mo STAINLESS STEEL TYPE 316L	IRON (STEEL)		
S31700	AUSTENITIC Cr-Ni-Mo STAINLESS STEEL (317)	IRON (STEEL)		

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: METAL

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SURCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
S32100	AUSTENITIC Cr-NI STAINLESS STEEL (321)	IRON (STEEL)	
S34700	AUSTENITIC Cr-NI STAINLESS STEEL (347)	IRON (STEEL)	
S34800	AUSTENITIC Cr-NI STAINLESS STEEL (348)	IRON (STEEL)	
S41000	Cr STAINLESS STEEL (410)	IRON (STEEL)	
S41600	Cr STAINLESS STEEL (416)	IRON (STEEL)	
S42000	HARDENABLE Cr STAINLESS STEEL (420)	IRON (STEEL)	
S43000	Cr STAINLESS STEEL (430)	IRON (STEEL)	
S44002	HARDENABLE Cr STAINLESS STEEL (440 A)	IRON (STEEL)	
S50100	Cr HEAT RESISTING STEEL (501)	IRON (STEEL)	

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: METAL

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
966286	IRON BASE SUPERALLOY	IRON (STEEL)	A286
50000X	STAINLESS STEEL	IRON (STEEL)	
221210	ZINC ROLLED	ZINC	
233520	ZINC ALLOY DIE CASTING	ZINC	AG40A
20000X	ZINC	ZINC	

POLYMERS (PLASTICS)

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: POLYMER (PLASTIC)

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
ABA	ACRYLONITRILE-BUTADIENE-ACRYLATE		
ABS	ACRYLONITRILE-BUTADIENE-STYRENE PLASTIC	THERMOPLASTIC	KRALASTIC, CYCOLAC, LUSTRAM, BLENDEX, ABSAFIL, TAITALAC, POLYFLAM, CYCOLOY, COMALLOY, TOYOLAC, POLYLAC, LUCKY ABS
APMA	ACRYLONITRILE/METHYL METHACRYLATE	THERMOPLASTIC	POLY ACRYL
ARP	POLY(ARYL TEREPHTHALATE)	THERMOPLASTIC	AROMATIC POLYESTER, THERMOPLASTIC POLYESTER: COPOLYESTER (POLY(ARYL TEREPHTHALATE))
ASA	ACRYLONITRILE-STYRENE-ACRYLATE	THERMOPLASTIC	
BMI	BISMALEIMIDE	THERMOSET	
CA	CELLULOSE ACETATE	THERMOPLASTIC	ACELE, TENITE 100
CAB	CELLULOSE ACETATE-BUTYRATE	THERMOPLASTIC	TENITE 200, KOOLCOTE, UNEX, TENITE 400, CELLULOSE ACETOBUTYRATE
CAP	CELLULOSE ACETATE PROPIONATE	THERMOPLASTIC	CELLULOSE PROPIONATE

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: POLYMER (PLASTIC)

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
CE	CELLULOSE PLASTIC	THERMOPLASTIC	CELLULOSE PLASTIC (GENERAL), BAKELITE
CF	CRESOL-FORMALDEHYDE	THERMOSET	
CMC	CARBOXYMETHYL CELLULOSE	THERMOPLASTIC	SODIUM CARBOXYMETHYL CELLULOSE, CM CELLULOSE
CM	CELLULOSE NITRATE	THERMOPLASTIC	NITROCELLULOSE
CP	CELLULOSE PROPIONATE	THERMOPLASTIC	FORTICEL, TENITE 300
CPE	CHLORINATED POLYETHYLENE	THERMOPLASTIC	TYRIN
CS	CASEIN	THERMOSET	
CTA	CELLULOSE TRIACETATE	THERMOPLASTIC	ARMEL
DAP	DIALLYL PHTHALATE	THERMOSET	DIALLYL ORTHOPHTHALATE

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: POLYMER (PLASTIC)

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
EC	ETHYL CELLULOSE	THERMOPLASTIC	CULNIMAL, CELLULOSE ETHER, METHYL CELLULOSE
ECTFE	POLY(ETHYLENE-CO-CHLOROTRIFLUOROETHYLENE)	THERMOPLASTIC	MALAR
EEA	ETHYLENE/ETHYL ACRYLATE	THERMOPLASTIC	
EMA	ETHYLENE/METHACRYLIC ACID	THERMOPLASTIC	MUCREL
EP	EPOXY, EPOXIDE	THERMOSET	ABALDITE, ENERZ, EPOX, NITRO-DUR, EPOXYAMINE, EPOYLITE, EPOYLITE, CORAPORX, NOVIRIDE, POLYSET, EL 2611-ABG (ADHESIVE/SEALANT)
EPO	ETHYLENE-PROPYLENE-DIENE	THERMOPLASTIC	ETHYLENE/PROPYLENE TERPOLYMER
EPH	ETHYLENE-PROPYLENE POLYMER	THERMOPLASTIC	
ETFE	ETHYLENE-TETRAFLUOROETHYLENE COPOLYMER	THERMOPLASTIC	TEFZEL ETFE
EVA	ETHYLENE/VINYL ACETATE	THERMOPLASTIC	ULTRATHENE, ELVAX, EVATATE

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: POLYMER (PLASTIC)

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
FEP	PERFLUOROETHYLENE-PROPYLENE) COPOLYMER	THERMOPLASTIC	TEFLON FEP, FLUORINATED ETHYLENE/PROPYLENE
FF	FURAN FORMALDEHYDE	THERMOSET	
HDPE	HIGH DENSITY POLYETHYLENE	THERMOPLASTIC	
IPS	IMPACT RESISTANT STYRENE	THERMOPLASTIC	HIGH IMPACT POLYSTYRENE
LDPE	LOW DENSITY POLYETHYLENE	THERMOPLASTIC	
LLDPE	LINEAR LOW DENSITY POLYETHYLENE	THERMOPLASTIC	
LMDE	LINEAR MEDIUM DENSITY POLYETHYLENE	THERMOPLASTIC	
MDPE	MEDIUM DENSITY POLYETHYLENE	THERMOPLASTIC	
MF	MELAMINE-FORMALDEHYDE RESIN	THERMOSET	AEROTEX

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: POLYMER (PLASTIC)

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
PA	POLYAMIDE (NYLON)	THERMOPLASTIC	TYNEX
PA11	POLYAMIDE (NYLON 11)	THERMOPLASTIC	RILSAN
PA12	POLYAMIDE (NYLON 12)	THERMOPLASTIC	RILSAN 12, GRILAMID
PA6	POLYAMIDE (NYLON 6)	THERMOPLASTIC	CAPROLAM, NYLAFIL, CAPRON, GRILON, NYPEL, POLYCAPROLACTAM, ADELL B, AKULON K, AKULON M, NYLATRON, AMILAM
PA610	POLYAMIDE (NYLON 610)	THERMOPLASTIC	NYLON 6/10
PA612	POLYAMIDE (NYLON 612)	THERMOPLASTIC	GRILON, NYLON 6/12
PA66	POLYAMIDE (NYLON 66)	THERMOPLASTIC	ZYTEL 101, DARTEX, MINLON, VYDYNE, NYPEL, NYLON 6/6, POLYHEXAMETHYLENE ADIPAMIDE, ADELL A, NYLAFIL, NYLATRON, AKULON S
PAI	POLYAMIDE-IMIDE	THERMOPLASTIC	TORLON
PARA	POLYARYL AMIDE	THERMOPLASTIC	MONEX 410, MONEX 414, KEVLAR, ARAMID, POLY(m-PHENYLENE ISOPHTHALATE)

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: POLYMER (PLASTIC)

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
PAT	POLY(ARYL PHTHALATE) - LIQUID CRYSTAL POLYMER	THERMOPLASTIC	THERMOPLASTIC POLYESTER: POLYARYLATE
PB	POLYBUTENE-1	THERMOPLASTIC	POLYBUTYLENE, POLYISOBUTYLENE, POLYISOBUTENE
PBT	POLY(BUTYLENE TEREPHTHALATE)	THERMOPLASTIC	GAFITE, VALOX, BTH POLYESTER, KELADEX, GASTUF
PC	POLYCARBONATE	THERMOPLASTIC	LEXAN, MERLON, POLYCARBAPIL, MACROLOM, MAKROFOL, NOVAREX, ADELL D, CALIBRE
PCTFE	POLYTRICHLOROFLUOROETHYLENE	THERMOPLASTIC	KEL-F, ACLAR, FLUOROTRINE, TRIFLUOROCYCLOETHYLENE, CFE, PCTFE
PDAP	POLY(DIALLYL PHTHALATE)	THERMOSET	PLASKON, DUREZ, POLY-DAP, GLASKYD, ALKYD (SPECIFIC)
PE	POLYETHYLENE	THERMOPLASTIC	ALATHON, TYVEK, TENITE, BAKELITE, MARLEX, LDPE, HDPE, MDPE, MARPE, FORTIFLEX, IRRATHENE, ZENDEL, ETHAFOM, CHEMPLEX, KELDAX, PAXOM, PETROTHERME, ACR, ADELL K
PEBA	POLYETHER BLOCK AMIDE		
PEEK	POLYETHERETHERKETONE	THERMOPLASTIC	

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: POLYMER (PLASTIC)

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
PET	POLY(ETHER SULFONE)	THERMOPLASTIC/THERMOSET	ULTEM
PEO	POLY(ETHYLENE OXIDE)	THERMOPLASTIC	POLYOX
PES	POLY(ETHER SULFONE)	THERMOPLASTIC	VICTREX
PET	POLY(ETHYLENE TEREPHTHALATE)	THERMOPLASTIC	TENITE, KODAPAK, DACRON, MYLAR, ARNITE, POLYESTER, PETRA
PETG	POLY(ETHYLENE TEREPHTHALATE) GLYCOL COMONOMER	THERMOPLASTIC	KODAR
PF	PHENOL-FORMALDEHYDE RESIN	THERMOSET	BAKELITE, DUREZ, PLENCO, MERESITE, FIBERITE, TECOLITE
PFA	PERFLUORO(ALKOXY ALKANE)	THERMOPLASTIC	TEFLON PFA
PI	POLYIMIDE	THERMOPLASTIC	VESPEL, KAPTON, GEMON 3010, ENVEX, KINEL
PIB	POLYISOBUTYLENE	THERMOPLASTIC	VISTANEX

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: POLYMER (PLASTIC)

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
PMMA	POLY(METHYL METHACRYLATE)	THERMOPLASTIC	PLEXIGLAS, LUCITE, IMPLEX, MUPOL, ACPOL, STRETCHED ACRYLIC, CAST ACRYLIC
PPP	POLY(4-METHYLPENTENE-1)	THERMOPLASTIC	
POH	POLYOXYMETHYLENE, POLYACETAL	THERMOPLASTIC	DELTRIN, CE:COM, KENATAL, MOSTAFORM, POLYACETAL
POP	POLY(PHENYLENE OXIDE)	THERMOPLASTIC	NORYL, PPO
PP	POLYPROPYLENE	THERMOPLASTIC	MARLEX, MORCHEN, PROFAX, TENITE, BX, BXT, MOSTALEN, ESCON, FORTILENE, ADELL E, FERREX, MOPLEN, NOBLEN
PPOK	POLY(PROPYLENE OXIDE)	THERMOPLASTIC	
PPS	POLY(PHENYLENE SULFIDE)	THERMOPLASTIC	RYTON, LIQUITE, ALTON
PPSU	POLY(PHENYLENE SULFONE)	THERMOPLASTIC	RADEL, THERMALUX, UDEL, MINDEL
PS	POLYSTYRENE	THERMOPLASTIC	STYRON, LUSTREX, FOSTARENE, BAKELITE, DOWON, DYLENE, KARDEL, DAREX, LYTROM, FOSTALITE, ARLOY, POLYREX, DYLARK, EDSTIR

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: POLYMER (PLASTIC)

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
PTFE	POLYTETRAFLUOROETHYLENE	THERMOPLASTIC	TEFLON TFE, FLUON, NALON, TETRAM, ALGOFLOW, CHEMFLUOR, HOSTAFLOW TF, FLUOROLYT, FLUOROMELT, TETRALON, POLYCOMP
PUR	POLYURETHANE	THERMOPLASTIC	VIBRATHANE, ESTANE
PVAC	POLY(VINYL ACETATE)	THERMOPLASTIC	ELVACET, PLASTISOL, VINYL
PVAL	POLY(VINYL ALCOHOL)	THERMOPLASTIC	ELVANOL
PVB	POLY(VINYL BUTYRAL)	THERMOPLASTIC	BUTACITE, SAFLEX
PVC	POLY(VINYL CHLORIDE)	THERMOPLASTIC	BAKELITE, TYGON, VINYLITE, GEON, CPVC, OXYBLEND, ALPHA DURAL, BLANE, KEYSOR
PVDC	POLY(VINYLIDENE CHLORIDE)	THERMOPLASTIC	SARAN
PVDF	POLY(VINYLIDENE FLUORIDE)	THERMOPLASTIC	KYMAR, DYFIDOR
PVF	POLY(VINYL FLUORIDE)	THERMOPLASTIC	TEDLAR, DALVOR

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: POLYMER (PLASTIC)

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
PVFN	POLY(VINYL FORMAL)	THERMOPLASTIC	
PVK	POLY(VINYL CARBAZOLE)	THERMOPLASTIC	
PVP	POLY(VINYL PIRROLIDONE)	THERMOPLASTIC	PVP, POLYPLASDOME, POLYCLAR, PLASDOME, PEREGAL, LUVISKOL
PXY	PARAXYLENE	THERMOPLASTIC	PARYLENE
SAN	STYRENE-ACRYLONITRILE PLASTIC	THERMOPLASTIC	
SB	STYRENE-BUTADIENE PLASTIC	THERMOPLASTIC	
SI	SILICONE PLASTICS	THERMOSET	SILASTIC
SMA	STYRENE-MALEIC ANHYDRIDE PLASTIC	THERMOPLASTIC	CADON
SMS	STYRENE-ALPHA-METHYLSTYRENE PLASTIC	THERMOPLASTIC	

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: POLYMER (PLASTIC)

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SURCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
TEEE	THERMOPLASTIC ELASTOMER, ETHER-ESTER	THERMOPLASTIC	
TEO	THERMOPLASTIC ELASTOMER, OLEFINIC	THERMOPLASTIC	
TES	THERMOPLASTIC ELASTOMER, STYRENIC	THERMOPLASTIC	
TEPL	THERMOPLASTIC ELASTOMER	THERMOPLASTIC	TPR
TPES	THERMOPLASTIC POLYESTER	THERMOPLASTIC	
TPUR	THERMOPLASTIC POLYURETHANE	THERMOPLASTIC	ISOPLAST
TSUR	THERMOSET POLYURETHANE	THERMOSET	COMATHANE
UF	UREA-FORMALDEHYDE RESIN	THERMOSET	AVISCO, BEETLE
UP	UNSATURATED POLYESTER	THERMOSET	GEN-GLAZE, SELECTION, CYGLAS, AROPOL, ATLAS, DIOM-VEF, FIBRECORE, GLASTIC, HAYSITE, KODAR, POLYLITE, PREMI-GLAS, ALKYD (GENERAL)

POLYMERS (ELASTOMERS)

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: POLYMER (ELASTOMER)

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
ABR	ACRYLATE-BUTADIENE	CLASS R	HYCAR, ACRYLON, CYANACRIL, KRYNAC, THIACRYL, ACRYLIC, PARACRIL OMT
ACH	ACRYLATE COPOLYMER	CLASS M	ACRYLIC RUBBER
AEM	ACRYLATE-ETHYLENE COPOLYMER	CLASS M	VANAC G
AFMU	TETRAFLUOROETHYLENE-TRIFLUORONITROSOMETHYLENE-1,1-DI-2-NITRO-4-FLUOROBUTYRIC ACID TERPOLY		NITROSO RUBBER
AMM	ACRYLATE-ACRYLONITRILE COPOLYMER	CLASS M	ACRYLATE/ACRYLONITRILE COPOLYMER
AU	POLYESTER URETHANE	CLASS U	CYANAPRENE, CATAPOL, FASTCAST, MILLATNAME, Q-THANE, VIBRATHANE, POLYURETHANE RUBBER
BITR	BROMO-ISOBUTENE-ISOPRENE	CLASS R	BROMOBUTYL X2, BROMO ISOBUTYLENE-ISOPRENE (BROMOBUTYL) RUBBER
BR	BUTADIENE	CLASS R	BUDENE, CISDIENE, DIENE, RUCOM, SYNPOX, POLYBUTADIENE, TAKTENE, AMERIPOL CB, CIS-4, DIENE RUBBER
CFM	POLYCHLORO-TRIFLUORO-ETHYLENE	CLASS M	KEL-F

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: POLYMER (ELASTOMER)

MATERIAL CODE	MATERIAL TYPE/NAME	CLASS	MATERIAL SYMCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
CIIR	CHLORO-ISOBUTENE-ISOPRENE	CLASS R		CHLOROBUTYL, CHLORO ISOBUTYLENE-ISOPRENE (CHLOROBUTYL) RUBBER
CM	CHLORO-POLYETHYLENE	CLASS M		CHLORINATED POLYETHYLENE
CO	POLYCHLOROMETHYL OXIRANE	CLASS O		HERCLOR M, HYDRIM 100, EPICHLOROHYDRIN POLYMER, POLYETHER
CR	CHLOROPRENE	CLASS R		RAYPREN, BUTACLO, PERBUNAM C, POLYCHLOROPRENE, NEOPRENE, SKYPRENE, DENKA CHLOROPRENE, PETRO-TEX CHLOROPRENE, POLYCHLOROPRENE
CSM	CHLORO-SULFONYL-POLYETHYLENE	CLASS M		HYTALON, CHLOROSULFONATED POLYETHYLENE
EAM	ETHYLENE-VINYL ACETATE COPOLYMER	CLASS M		
ECO	ETHYLENE OXIDE-CHLOROMETHYL OXIRANE COPOLYMER	CLASS O		HERCLOR C, HYDRIM 200, OXIRANE/EPICHLOROHYDRIN COPOLYMER, EPICHLOROHYDRIN COPOLYMER
EOT	ETHYLENE ETHER POLYSULFIDE	CLASS T		POLYSULFIDE RUBBER
EPDM	ETHYLENE-PROPYLENE-DIENE TERPOLYMER	CLASS M		DUTRAL TER, EPSYN, KELTAN, EPCAR, EPT, VISTALON, SANTOPRENE, ROYALENE, MORDEL, ETHYLENE/PROPYLENE/DIENE TERPOLYMER

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: POLYMER (ELASTOMER)

MATERIAL CODE	MATERIAL TYPE/NAME	CLASS	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
EPM	ETHYLENE-PROPYLENE COPOLYMER	CLASS M		DUTRAL CO, EPSYN, MORDEL, ROYALENE, EPR, ETHYLENE RUBBER, VISTALOM, ETHYLENE/PROPYLENE COPOLYMER
EU	POLYETHER URETHANE	CLASS U		ADIPRENE, CYAMAPRENE, MILLATNAME, O-THANE, VIBRATHANE, UPEthane, ISOCYANATE RUBBER, ELASTOTHANE, ESTANE, GENTHANE, TEXIN, ROYLAR, CASTORER, COMOTHANE, POLYURETHANE RUBBER
FFCM	PERFLUORO RUBBER, POLYETHYLENE TYPE	CLASS M		
FCR	FLUORO RUBBER, POLYETHYLENE TYPE	CLASS M		FLUOREL, TECHNOFLON, VITON, AFLAS, FPM, RHENOBLEND, KALREZ, FLUOROCARBON RUBBER, FLUOROCELASTOMER, CARBON CHAIN FLUOROPOLYMER
FRD	SILICONE RUBBER, METHYL & FLUORINE SUBSTITUENTS	CLASS Q		FLUOROSILICONE RUBBER (METHYL)
FR	SILICONE RUBBER, FLUORINE SUBSTITUENTS	CLASS Q		FLUOROSILICONE RUBBER (GENERAL)
FVMD	SILICONE RUBBER, METHYL, VINYL & FLUORINE SUBSTITUENTS	CLASS Q		FLUOROSILICONE RUBBER (METHYL & VINYL & FLUORINE)
FZ	RUBBER HAVING A -P-N- CHAIN AND HAVING FLUOROALKOXY SUBSTITUENTS	CLASS Z		
GPO	PROPYLENE-OXIDE COPOLYMER	CLASS O		PROPYLENE OXIDE COPOLYMER

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: POLYMER (ELASTOMER)

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
IIR	ISOBUTYLENE-ISOPRENE	CLASS R	POLYSAR, BUTYL, ISOBUTYLENE-ISOPRENE (BUTYL) RUBBER
IR	ISOPRENE, SYNTHETIC	CLASS R	ISOLENE, MATSYN, AMERIPOL SM, CORAL, POLYISOPRENE, SYNTHETIC NATURAL RUBBER
MQ	SILICONE RUBBER, METHYL SUBSTITUENTS	CLASS Q	SILICONE RUBBER (GENERAL), SILICONE RUBBER (METHYL)
NBR	ACRYLONITRILE-BUTADIENE	CLASS R	BREON, BUR-A-LOY, CHEMIGUM, MYCAR, NUREX, FR-N, POLYSAR KRYNAC, NIPOL, MYSTN, PARACRIL, PERBUNAM M, RHENOBLENDO N, BUNA-N, NITRILE RUBBER, ACRYLONITRILE-BUTADIENE COPOLYMER
PCR	ACRYLONITRILE-CHLOROPRENE	CLASS R	
NR	ACRYLONITRILE-ISOPRENE	CLASS R	KRYNAC 833
NR	NATURAL RUBBER	CLASS R	VULTEX, NATURAL LATEX, NEVEA, PURE GUM
OT	ETHER POLYSULFIDE	CLASS T	POLYSULFIDE RUBBER
PBR	VINYLPYRIDINE-BUTADIENE	CLASS R	

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: POLYMER (ELASTOMER)

MATERIAL CODE	MATERIAL TYPE/NAME	CLASS	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
PMQ	SILICONE RUBBER, METHYL & PHENYL SUBSTITUENTS	CLASS Q		SILICONE RUBBER (METHYL & PHENYL)
PSBR	VINYLPYRIDINE-STYRENE-BUTADIENE	CLASS P		
PVMO	SILICONE RUBBER, METHYL, PHENYL & VINYL SUBSTITUENTS	CLASS Q		SILICONE RUBBER (METHYL & PHENYL & VINYL)
PZ	RUBBER HAVING A -P-H- CHAIN AND HAVING ARYLOXY SUBSTITUENTS	CLASS Z		
Q	SILICONE RUBBER	CLASS Q		SILICONE RUBBER (GENERAL), 3145 RTV/1204 (ADHESIVE/SEALANT)
SBR	STYRENE-BUTADIENE	CLASS R		STYRENE BUTADIENE COPOLYMER, VULTEX, KRATON, RICON, STERCON, BUNA S, SBR LATEX, GR-S
SCR	STYRENE-CHLOROPRENE	CLASS R		
SIR	STYRENE-ISOPRENE RUBBER	CLASS R		KRATON
T	POLYSULFIDE RUBBER	CLASS T		POLYSULFIDE RUBBER (GENERAL), THIOKOL, POLYSULFIDE FA, POLYSULFIDE ST, POLYSULFIDE

MATERIALS NOMENCLATURE TABLE

MATERIAL CLASS: POLYMER (ELASTOMER)

MATERIAL CODE	MATERIAL TYPE/NAME	MATERIAL SUBCLASS (FAMILY)	MATERIAL COMMON/TRADE NAMES
U	URETHANE RUBBER	CLASS U	URETHANE RUBBER (GENERAL)
VMQ	SILICONE RUBBER, METHYL & VINYL SUBSTITUENTS	CLASS Q	SILICONE RUBBER (METHYL & PHENYL), SILASTIC SILICONE RUBBER
XMQR	CARBOXYLIC-ACRYLONITRILE-BUTADIENE	CLASS R	NYCAR 1072, COK, CARBOXYLIC
XSBR	CARBOXYLIC-STYRENE-BUTADIENE	CLASS R	
YBPO	THERMOPLASTIC DIBENZOYL PEROXIDE	CLASS Y	MYTREL
YSBR	THERMOPLASTIC STYRENE-BUTADIENE COPOLYMER		

AGENTS

CHEMICALS NOMENCLATURE TABLE

CHEMICAL CLASS: AGENT

CHEMICAL CODE	COMMON CHEMICAL NAME	FORMAL CHEMICAL NAME	CHEMICAL COMPOSITION	OTHER COMMON NAMES
AC	HYDROGEN CYANIDE	HYDROCYANIC ACID		PRUSSIC ACID
BA		BROMOACETONE		
BZ		3-QUINUCRIDINYL BENZILATE		EA 2277
CA		2-BROMOBENZYL CYANIDE		
CG	PHOSGENE	CARBONYL CHLORIDE		
CK		CYANOGEN CHLORIDE		
CN		ALPHA-CHLOROACETOPHENONE		CHLORO METHYL PHENYL KETONE

CHEMICALS NOMENCLATURE TABLE

CHEMICAL CODE	CHEMICAL CLASS: AGENT			OTHER COMMON NAMES
	COMMON CHEMICAL NAME	FORMAL CHEMICAL NAME	CHEMICAL COMPOSITION	
CMB			CHLOROACETOPHENONE (10 PARTS), BENZENE (45 PARTS), CARBON TETRACHLORIDE (45 PARTS)	CB/BENZENE/CARBON TETRACHLORIDE
CWC	CHLOROACETOPHENONE/CHLOROFORM		CHLOROACETOPHENONE (30 PARTS), CHLOROFORM (70 PARTS)	
CNS	CN/CHLOROPICRIN/CHLOROFORM		CHLOROACETOPHENONE (23%), CHLOROPICRIN (38.5%), CHLOROFORM (38.5%)	
CS		ORTHOCHLOROBENZYLIDENE MALONITRILE		
CX	PHOSGENE OXIME	DICHLOROFORMOXIME		
DA		DIPHENYLCHLOROARSINE		
DC		DIPHENYLCYANOARSINE		

CHEMICALS NOMENCLATURE TABLE

CHEMICAL CODE	CHEMICAL CLASS: AGENT			OTHER COMMON NAMES
	COMMON CHEMICAL NAME	FORMAL CHEMICAL NAME	CHEMICAL COMPOSITION	
DF	DIFLUORO	METHYLPHOSPHONIC DIFLUORIDE		EA 1251
DM	ADAMSITE	10-CHLORO- 5,10-DIHYDROPHENARSAZINE		PHENARSAZINE CHLORIDE
DP	DIPHOSGENE	TRICHLOROMETHYL CHLOROFORMATE		
EBA		ETHYL BROMOACETATE		
ED		ETHYLDICHLOROARSINE		
G1		FLUOROMETHOXYMETHYLPHOSPHINE	NS	NS
G2		ETHOXYFLUOROMETHYLPHOSPHINE OXIDE	NS	NS

CHEMICALS NOMENCLATURE TABLE

CHEMICAL CODE	CHEMICAL CLASS: AGENT			OTHER COMMON NAMES
	COMMON CHEMICAL NAME	FORMAL CHEMICAL NAME	CHEMICAL COMPOSITION	
G3		FLUOROMETHYLPROPIONYLPHOSPHINE OXIDE	NS	NS
G4		BUTOXYFLUOROMETHYLPHOSPHINE OXIDE	NS	NS
G5		FLUOROMETHOXYMETHYLPHOSPHINE OXIDE	NS	NS
G6		DECYLOXYFLUOROMETHYLPHOSPHINE OXIDE	NS	NS
G7		(DIISOBUTYL METHOXY) FLUOROMETHY LPHOSPHINE OXIDE	NS	NS
G8	TABUN	ETHYLDIMETHYLPHOSPHOROMIDOCYAN IDATE		EA 1205
G8	SARIN	ISOPROPYLMETHYLPHOSPHONOFLUORI DATE		EA 1208

CHEMICAL CLASS: AGENT

CHEMICAL CODE	COMMON CHEMICAL NAME	FORMAL CHEMICAL NAME	CHEMICAL COMPOSITION	OTHER COMMON NAMES
GD	SOMAN	PINACOLYL METHYLPHOSPHONOFLOURIDE		EA 1210
GE	ETHYL SARIN			EA 1209
GF				EA 1212
H	LEVINSTEIN MUSTARD	BIS(2-CHLOROETHYL) SULFIDE	ABOUT 70 WT. % PURE MUSTARD AND 30 WT. % OF HIGHER MOLECULAR WEIGHT POLYSULFIDES	
HC-FAST	HC-FAST	NS	NS	NS
HC-SLOW	HC-SLOW	NS	NS	NS
HD	DISTILLED MUSTARD	BIS(2-CHLOROETHYL) SULFIDE		EA 1033, YPERITE, S-LOST

CHEMICALS NOMENCLATURE TABLE

CHEMICAL CLASS: AGENT

CHEMICAL CODE	COMMON CHEMICAL NAME	FORMAL CHEMICAL NAME	CHEMICAL COMPOSITION	OTHER COMMON NAMES
HL	MUSTARD/LEWISITE MIXTURE		VARIABLE MIXTURE OF HD AND L. EUTECTIC = 63 WT.% L AND 37 WT.% HD	
HN1	NITROGEN MUSTARD	BIS(2-CHLOROETHYL) ETHYLAMINE		
HN2	NITROGEN MUSTARD	BIS(2-CHLOROETHYL) METHYLAMINE		
HN3	NITROGEN MUSTARD	TRIS(2-CHLOROETHYL)AMINE		EA 1053
HT	MUSTARD - T MIXTURE		MIXTURE OF 60 WT.% HD AND 40 WT.% T	
L	LEWISITE	2-CHLOROVINYLDICHLORARSINE		EA 1034
HD		METHYLDICHLORARSINE		

CHEMICALS NOMENCLATURE

CHEMICAL CLASS: AGENT

CHEMICAL CODE	COMMON CHEMICAL NAME	FORMAL CHEMICAL NAME	CHEMICAL COMPOSITION	OTHER COMMON NAMES
MPDC	DICHLORO	METHYLPHOSPHONIC DICHLORIDE		EA 1253, DICL
PD		PHENYLDICHLOROARSINE		
PS	CHLOROPICRIN	TRICHLORONITROETHANE		
Q	SESQUIMUSTARD	1,2-BIS(2-CHLOROETHYLTHIO)ETHANE		
QL				EA 1724
SA	ARSINE	ARSENIC HYDRIDE		MITHRITE
T		2,2'-BIS(2-CHLOROETHYLTHIO)DIETHYL ETHER		EA 1036

CHEMICALS NOMENCLATURE TABLE

CHEMICAL CLASS: AGENT

CHEMICAL CODE	COMMON CHEMICAL NAME	FORMAL CHEMICAL NAME	CHEMICAL COMPOSITION	OTHER COMMON NAMES
TGD	THICKENED SOMAN		SOMAN (95%) POLYMETHYL METHACRYLATE (5%)	THICKENED GD
THD			MUSTARD (95%), POLYMETHYL METHACRYLATE (5%)	THICKENED MD
VE		O-ETHYL S-2-DIETHYLAMINOETHYL ETHYLPHOSPHONOTHIOATE		EA 1517
VG		O,O-DIETHYL S-2-DIETHYLAMINOETHYL PHOSPHOROTHIOATE		EA 1505
VM		O-ETHYL-S-2-DIETHYLAMINOETHYL METHYLPHOSPHONOTHIOATE		EA 1664
VS		O-ETHYL S-2-DIISOPROPYLAMINOETHYL ETHYLPHOSPHONOTHIOATE		EA 1677
VX	AGENT VX	O-ETHYL S-(2-DIISOPROPYLAMINOETHYL) METHYLPHOSPHONOTHIOATE		EA 1701

DECONTAMINANTS

CHEMICALS NOMENCLATURE TABLE

CHEMICAL CLASS: DECONTAMINANT

CHEMICAL CODE	COMMON CHEMICAL NAME	FORMAL CHEMICAL NAME	CHEMICAL COMPOSITION	OTHER COMMON NAMES
AFC	AIR FORCE CLEANER #C		MIXTURE OF SODIUM CARBONATE + SODIUM PHOSPHATE + SODIUM SILICATE (10%), STEAM/HOT WATER (90%). ETHYLENE GLYCOL MAY ALSO BE ADDED.	
AFH	AIR FORCE H		SODIUM PHOSPHATE, SODIUM HYDROXIDE, SODIUM CARBONATE, ROSIN	
AFT	AIR FORCE T		SODIUM PHOSPHATE, SODIUM PHOSPHATE DIBASIC, SODIUM SILICATE, SODIUM CARBONATE, SOAP, WATER	
AKOH	ALCOHOLIC XON			
ALC	ALCONOX	ALCONOX	10% BY WEIGHT. LITTLE KNOWN ABOUT ALCONOX. MAY ACTUALLY BE ALCOHOLIC KON (AKOH).	
AMHY	AMMONIA (SOLUTION)	AMMONIUM HYDROXIDE		
APD	ALL PURPOSE DECONTAMINANT		55 VOL.% MONOETHANOLAMINE, 45 VOL.% ISOPROPANOLAMINE, 2.5 WT.% LITHIUM HYDROXIDE HYDRATE.	AIR FORCE ALL PURPOSE DECONTAMINANT

CHEMICALS NOMENCLATURE TABLE

CHEMICAL CLASS: DECONTAMINANT

CHEMICAL CODE	COMMON CHEMICAL NAME	FORMAL CHEMICAL NAME	CHEMICAL COMPOSITION	OTHER COMMON NAMES
ASH	ASH		CALCIUM HYPOCHLORITE (0.5%), SODIUM DIHYDROGEN PHOSPHATE (0.5%), DETERGENT (0.05%), WATER (98.95%)	ACTIVATED SOLUTION OF HYPOCHLORITE, BLEACH
ASHW	NAVY ASH		CALCIUM HYPOCHLORITE (0.5%), SODIUM PHOSPHATE MONOBASIC (0.6%), AEROSOL OS (0.05%), WATER (98.85%)	ACTIVATED SOLUTION OF HYPOCHLORITE, BLEACH
BAL	BRITISH ANTILEVISITE		2,3-DIMERCAPTO-1-PROPANOL, BORIC ACID, ASCORBIC ACID, THIAMINE HCl, POLYETHYLENE GLYCOL.	
BETAP		BETAPROPIONOLACTONE		BPL, USAM
BF3		BORON TRIFLUORIDE		BORON FLUORIDE
BUET	BUTYL CELLOSOLVE	ETHYLENE GLYCOL MONOBUTYL ETHER		2-BUTOXYETANOL
CAHY	HYDRATED LIME	CALCIUM HYDROXIDE		SLAKED LIME, CALCIUM HYDRATE, CAUSTIC LIME

CHEMICALS NOMENCLATURE TABLE

CHEMICAL CLASS: DECONTAMINANT

CHEMICAL CODE	COMMON CHEMICAL NAME	FORMAL CHEMICAL NAME	CHEMICAL COMPOSITION	OTHER COMMON NAMES
CC2	CHLORINATED DIPHENYLUREA	SYM-BIS(N-CHLORO-2,4,6-TRICHLOROPHENYL) UREA		UNSTABILIZED XXCC3
CD1	CD-1		MONOETHANOLAMINE (55 VOL.%), 2-HYDROXY-1-PROPYLAMINE (PROPYLENE GLYCOL)(45 VOL.%), LITHIUM HYDROXIDE HYDRATE (2.5 WT.%)	CHEMICAL DECONTAMINANT-1
CD1V	CD-1 VARIATION		SODIUM HYDROXIDE (2%), MONOETHANOLAMINE (5%), AMMONIUM HYDROXIDE (20%), WATER (73%)	CHEMICAL DECONTAMINANT-1 VARIATION
CD8		SODIUM DICHLOROSOCYANURATE		BLEACH
CHAR		CHARCOAL		ACTIVATED CARBON
CHCL3	CHLOROFORM	TRICHLOROMETHANE		
CHFO	CHLORAMIDE	CHLORAL FORMAMIDE		CHLORALANIDE

CHEMICALS NOMENCLATURE TABLE

CHEMICAL CLASS: DECONTAMINANT

CHEMICAL CODE	COMMON CHEMICAL NAME	FORMAL CHEMICAL NAME	CHEMICAL COMPOSITION	OTHER COMMON NAMES
CNSVAC		CHROMIC ACID/SULFURIC ACID	CHROMIC ACID/SULFURIC ACID MIXTURE	
CL2	CHLORINE GAS	CHLORINE		
CLO2	CHLORINE DIOXIDE			
CLP		CHLOROPACTIN		HYPOCHLORITE BLEACH
DANC	DANC		1 PART 1,3-DICHLORO-5,5-DIMETHYLHYDANTOIN (RN-195) DISSOLVED IN 15 PARTS ACETYLENE TETRACHLORIDE (1,1,2,2-TETRACHLOROETHANE). NOTE: RN-19 TETRACHLOROETHYLENE (82%), MTM (18%)	DECONTAMINATING AGENT - NONCORROSIVE
DECON40		TRICHLOROISOCYANURIC ACID		1,3,5-TRICHLORO-S-TRIAZINE-2,4,6-TRIO NE

CHEMICALS NOMENCLATURE TABLE

CHEMICAL CLASS: DECONTAMINANT

CHEMICAL CODE	COMMON CHEMICAL NAME	FORMAL CHEMICAL NAME	CHEMICAL COMPOSITION	OTHER COMMON NAMES
DET		DETERGENT		CYCLE
DETA		DIETHYLENETRIAMINE		COMPONENT OF DS2
DETR	DETROCHLORITE		CALCIUM HYPOCHLORITE (2.9%), DIATOMACEOUS EARTH (0.5%), ALKYL ARYL SULFONATE SURFACTANT (0.5%), WATER (77.3%).	
DICB	DICHLORAMINE B	N,N-DICHLOROBENZENESULFONAMIDE		
DICW	DICHLORAMINE W			
DICT	DICHLORAMINE T	PARA-TOLUENESULFONIC CHLORAMIDE		CHLORINATING COMPOUND 1, DICHLOROTOLUENESULFONAMIDE
DMSO		DIMETHYL SULFOXIDE		METHYL SULFOXIDE

CHEMICALS NOMENCLATURE TABLE

CHEMICAL CLASS: DECONTAMINANT

CHEMICAL CODE	COMMON CHEMICAL NAME	FORMAL CHEMICAL NAME	CHEMICAL COMPOSITION	OTHER COMMON NAMES
DS1	DECONTAMINATING SOLUTION 1		DIETHYLENETRIAMINE (45.7 WT.%), AMMONIUM ETHYLENEDIAMINE (23.6 WT.%), SODIUM HYDROXIDE (2.1 WT.%), METHYL CELLOSOLVE (26.5 WT.%), WATER (2.1 WT.%).	
DS2	DECONTAMINATING SOLUTION 2		AZEOTROPIC MIXTURE OF SODIUM HYDROXIDE (2%), ETHYLENE GLYCOL MONOMETHYL ETHER (25%), DIETHYLENETRIAMINE (70%)	
DUPO	DUTCH POWDER		DRY POWDER CONSISTING OF CALCIUM HYPOCHLORITE AND MAGNESIUM OXIDE.	
EDPE	METHYL CELLOSOLVE	ETHYLENE GLYCOL MONOMETHYL ETHER		2-METHOXYETHANOL
EGME	CELLOSOLVE SOLVENT	ETHYLENE GLYCOL MONOMETHYL ETHER		2-ETHOXYETHANOL
ETOX		ETHYLENE OXIDE		OXIRANE, EPOXYETANE
FORM	FORMALIN		SOLUTION OF 37-50% FORMALDEHYDE AND 0-15% METHYL ALCOHOL IN WATER.	

CHEMICALS NOMENCLATURE TABLE

CHEMICAL CLASS: DECONTAMINANT

CHEMICAL CODE	COMMON CHEMICAL NAME	FORMAL CHEMICAL NAME	CHEMICAL COMPOSITION	OTHER COMMON NAMES
FREOMTF	FREOM 113	TRICHLOROTRIFLUOROETHANE		GENESOLV D
FULLER	FULLER'S EARTH		CLAY MATERIAL CONTAINING VARIOUS PROPORTIONS OF SILICA (SiO ₂), ALUMINA (Al ₂ O ₃), FERRIC OXIDE (Fe ₂ O ₃), MAGNESIA (MgO) WITH SMALL QUANTITIES OF OTHER OXIDES.	ALUMINUM MAGNESIUM SILICATE, KAOLIN, CLAY
GREEN	GREEN SOLUTION		1 POUND SODIUM BICARBONATE PER GALLON OF 10% HYPOCHLORITE SOLUTION.	
GRHW	GERMAN EMULSION		PERCHLOROETHYLENE (15%), CALCIUM HYPOCHLORITE (7.5%), EMULSIFIER (1%), WATER (76.5%)	CB EMULSION
GRWMOO	MODIFIED GERMAN EMULSION		1,1,1-TRICHLOROETHANE (15%), STABILIZED WITH (8%), EMULSIFIER (1%), WATER (76%). HARLOWET IMF IS TYPICALLY USED AS THE EMULSIFIER.	MODIFIED CB EMULSION
GLWK			MIXTURE OF ALCOHOL + PINE OIL + SOAP + NAPHTHA + CASTOR OIL (10%), KEROSENE (50%).	COMMERCIAL GREASE REMOVER
H2O	WATER	N/A	N/A	WATER

CHEMICALS NOMENCLATURE TABLE

CHEMICAL CLASS: DECONTAMINANT

CHEMICAL CODE	COMMON CHEMICAL NAME	FORMAL CHEMICAL NAME	CHEMICAL COMPOSITION	OTHER COMMON NAMES
HEXANE		HEXANE		DIPROPYL
HEXC	HEXACHLOROMELANINE	HEXACHLOROMELANINE		
HG	HEXYLENE GLYCOL	4-METHYL-2,4-PENTANEDIOL		COMPONENT OF MVL1 AND MVL2
HPX	HYDROGEN PEROXIDE	HYDROGEN PEROXIDE		
HTH	CHLORIMATED LIME	CALCIUM HYPOCHLORITE	DRY POWDER CONSISTING PRIMARILY OF $Ca(OCl)_2$ AND $NaCl$. TYPICALLY DISSOLVED IN WATER WHEN USED.	HIGH TEST HYPOCHLORITE, BLEACHING POWDER
IPA	ISOPROPYL ALCOHOL	ISOPROPANOL	N/A	2-PROPANOL, SEC-PROPYL ALCOHOL, DIMETHYLCARBINOL
LIOH		LITHIUM HYDROXIDE HYDRATE		COMPONENT OF APO

CHEMICALS NOMENCLATURE TABLE

CHEMICAL CODE	COMMON CHEMICAL NAME	CHEMICAL CLASS: DECONTAMINANT		OTHER COMMON NAMES
		FORMAL CHEMICAL NAME	CHEMICAL COMPOSITION	
M13	M13 DECONTAMINATING COMPOUND		FULLER'S EARTH AND CHLORANIDE POWDER	M13 DECONTAMINATING KIT
M5	M5 PROTECTIVE OINTMENT		CREAM LIKE MIXTURE OF 1,3,4,6-TETRACHLORO-2,5-DIAMINO-7,8-DIPH ENYLGLYCOLURIL (A N-CHLORANIDE), TiO2, MAGNESIUM STEARATE AND CELLULOSE ACETATE BUTYRATE IN TRIACETIN.	
MBDUX	MBD MICROEMULSION		BY WEIGHT PERCENT, HEXADECYL TRIMETHYL AMMONIUM CHLORIDE(CTAC, 16.5 %), TETRABUTYL AMMONIUM HYDROXIDE(TBAOH, 11.6 %), TRIETHYL METHYL AMMONIUM CHLORIDE(ADOGEN 464, 1.4%), WATER (63.1%)	
MEA	ETHANOLAMINE	MONOETHANOLAMINE		2-AMINOETHANOL; 2-HYDROXYETHYLAMINE; COLAMINE; COMPONENT OF MVL1, MVL2, CD1V
M204		DINITROGEN TETROXIDE		NITROGEN DIOXIDE
MA2S		SODIUM SULFIDE		
MAOCL	CLOROX BLEACH	SODIUM HYPOCHLORITE	TYPICALLY ABOUT 5 WT.% NaOCl IN WATER. A 10 WT.% NaOCl SOLUTION IS ALSO USED.	

CHEMICALS NOMENCLATURE TABLE

CHEMICAL CLASS: DECONTAMINANT

CHEMICAL CODE	COMMON CHEMICAL NAME	FORMAL CHEMICAL NAME	CHEMICAL COMPOSITION	OTHER COMMON NAMES
NH3	AMMONIA GAS	AMMONIA		
NIAC		NITRIC ACID		
NWL 1	NWL -1 DECONTAMINANT		65% MONOETHANOLAMINE, 30% HEXYLENE GLYCOL, 5% OF AN AQUEOUS SOLUTION PREPARED BY DISSOLVING 1 PART NTH (CALCIUM HYPOCHLORITE) IN 2 PARTS WATER.	
NWL 2	NWL -2 DECONTAMINANT		60% MONOETHANOLAMINE, 30% HEXYLENE GLYCOL, 10% OF AN AQUEOUS SOLUTION PREPARED BY DISSOLVING 1 PART NTH (CALCIUM HYPOCHLORITE) IN 2 PARTS WATER.	
O3		OZONE		
OPA		ISOPROPANOL/ISOPROPYLAMINE SOLUTION		
OPAB	OPAB	OCTYLPIYRIDINIUM 6-ALDOXIME BROMIDE	AQUEOUS SOLUTION CONSISTING OF 5% OCTYL PYRIDINIUM 4-ALDOXIME BROMIDE (OPAB) AND 0 TO 3% SURFACTANT IN WATER.	BF1

CHEMICALS NOMENCLATURE TABLE

CHEMICAL CLASS: DECONTAMINANT

CHEMICAL CODE	COMMON CHEMICAL NAME	FORMAL CHEMICAL NAME	CHEMICAL COMPOSITION	OTHER COMMON NAMES
PEFL		PERCHLORYL FLUORIDE		
RN195	HALANE	1,3-DICHLORO-5,5-DIMETHYLBUTAN-2-OL		COMPONENT OF DAWC, PW-195
SADS		SURFACE ACTIVE DISPLACEMENT SOLUTION	CHEMADINE (1%), BUTANOL (9%), WATER (91%).	
SCL		SULFURYL CHLORIDE		SULFONYL CHLORIDE, CHLOROSULFONIC ACID, SULFURIC CHLORIDE, SULFURIC OXYCHLORIDE
SLASH	SLASH		CALCIUM HYPOCHLORITE (0.5%), SODIUM CITRATE DIHYDRATE (1.0%), CITRIC ACID MONOHYDRATE (0.2%), DETERGENT (0.05%), WATER (98.25%)	SELF LIMITING ACTIVATED SOLUTION OF HYPOCHLORITE (LIFETIME = 2 TO 3 MINUTES), BLEACH
SLASHN	NAVY SLASH		CALCIUM HYPOCHLORITE (0.5%), SODIUM PHOSPHATE MONOBASIC (0.6%), AEROSOL OS (0.05%), SODIUM CITRATE (1.0%), CITRIC ACID (0.2%), BALANCE WATER.	NAVY SELF-LIMITING ACTIVATED SOLUTION OF HYPOCHLORITE, BLEACH, ASH SOLUTION MIXED WITH CITRATE ION WHICH NEUTRALIZES HYPOCHLOROUS ACID IN SEVERAL MINUTES TO REDUCE CORROSION.
SOALB	MACCONGL	SODIUM ALKYL BENZENE SULFONATE	0-	LINEAR ALKYL SULFONATE DETERGENTS, SURFACTANTS

CHEMICALS NOMENCLATURE TABLE

CHEMICAL CLASS: DECONTAMINANT

CHEMICAL CODE	COMMON CHEMICAL NAME	FORMAL CHEMICAL NAME	CHEMICAL COMPOSITION	OTHER COMMON NAMES
S001	SODIUM ACID SULFITE	SODIUM BISULFITE		SODIUM HYDROGEN SULFITE
S00A	SODA ASH	SODIUM CARBONATE		SAL SODA, WASHING SODA
S00Y	CAUSTIC SODA	SODIUM HYDROXIDE		COMPONENT OF DS2 AND CD1V, LYE
STB	SUPER TROPICAL BLEACH		BLEACHING POWDER CONSISTING PRIMARILY OF DOUBLE SALTS $\text{Ca}(\text{OCl})_2 \cdot 2\text{Ca}(\text{OH})_2$ AND $\text{CaCl}_2 \cdot \text{Ca}(\text{OH})_2 \cdot 2\text{H}_2\text{O}$ WITH CaO ADDED AS A DESICCANT. NORMALLY DISSOLVED IN WATER: 566 GRAMS STB IN 1 LITER OF WATER.	CHLORINATED LIME, BLEACHING POWDER
STM		STEAM		
TCE	PERCHLOROETHYLENE	TETRACHLOROETHYLENE		COMPONENT OF DS2
TRITON		TRITON X-100 SURFACTANT/WATER SOLUTION	UP TO 0.1 WT% TRITON X-100, BALANCE WATER.	

CHEMICALS NOMENCLATURE TABLE

CHEMICAL CLASS: DECONTAMINANT

CHEMICAL CODE	COMMON CHEMICAL NAME	FORMAL CHEMICAL NAME	CHEMICAL COMPOSITION	OTHER COMMON NAMES
TSP/EGWEE	NIL-C-25769 COMPARISON FORMULA		SODIUM PHOSPHATE TRIBASIC (10%), TRITON X-100 SURFACTANT (2%), ETHYLENE GLYCOL MONOETHYL ETHER (6%), WATER (82%)	

SIMULANTS

CHEMICALS NOMENCLATURE TABLE

CHEMICAL CLASS: SIMULANT

CHEMICAL CODE	COMMON CHEMICAL NAME	FORMAL CHEMICAL NAME	CHEMICAL COMPOSITION	OTHER COMMON NAMES
ANAL		AMYL ALCOHOL		
BEHP		BIS-(2-ETHYLHEXYL) PHOSPHITE		
BHP		BIS(2-ETHYLHEXYL) HYDROGEN PHOSPHITE		BIS(2-ETHYLHEXYL) PHOSPHONATE
BUSH	n-BUTYL MERCAPTAN	1-BUTANETHIOL		
CEES	HALF MUSTARD	2-CHLOROETHYL ETHYLSULFIDE		
DAED		DIISOPROPYLAMINOETHYL DISULFIDE		
DAEH		DIISOPROPYLAMINOETHYL MERCAPTAN		

CHEMICALS NOMENCLATURE TABLE

CHEMICAL CLASS: SIMULANT

CHEMICAL CODE	COMMON CHEMICAL NAME	FORMAL CHEMICAL NAME	CHEMICAL COMPOSITION	OTHER COMMON NAMES
DCP		1,5-DICHLOROPENTANE		
DEMP	DIETHYL PHOSPHONATE	DIETHYL HYDROGEN PHOSPHITE		
DEM	DIETHYLMALONATE	ETHYL MALONATE		
DEP		DIETHYL PHTHALATE		ETHYL PHTHALATE
DES		DIETHYL SUCCINATE		
DFP		DIISOPROPYL FLUOROPHOSPHATE		
DIMP		DIISOPROPYLMETHYLPHOSPHONATE		

CHEMICALS NOMENCLATURE TABLE

CHEMICAL CLASS: SIMULANT

CHEMICAL CODE	COMMON CHEMICAL NAME	FORMAL CHEMICAL NAME	CHEMICAL COMPOSITION	OTHER COMMON NAMES
DME	ETHYLENE GLYCOL DIMETHYLETHER	DIMETHOXYETHANE		
DMF		DIMETHYLFORMAMIDE		
DMPP		DIMETHYLMETHYLPHOSPHONATE		
DMPPA		DIMETHYLMORPHOLINOPHOSPHORAMIDATE		
DPM		DIPROPYL MALONATE		
EDA	DIAMINOETHANE	ETHYLENEDIAMINE		
EMPA		ETHYLMETHYLPHOSPHONIC ACID		

CHEMICALS NOMENCLATURE TABLE

CHEMICAL CLASS: SIMULANT

CHEMICAL CODE	COMMON CHEMICAL NAME	FORMAL CHEMICAL NAME	CHEMICAL COMPOSITION	OTHER COMMON NAMES
ETBE		ETHYLBENZOATE		
MS		METHYL SALICYLATE		
ONIT	NITROTOLUENE	ORTHO-NITROTOLUENE		
PEG	POLYGLYCOL	POLYETHYLENE GLYCOL	POLYETHYLENE GLYCOL 90%, WATER 10%	
TDEM	THICKENED DIETHYLMALONATE			
THOG		THIODIGLYCOL		

METALS PROPERTIES

PROPERTIES INDEX - TEMPERATURE TABLE

MATERIAL APPLICATION CLASS: METAL

PROPERTY CODE	PROPERTY NAME	PROPERTY UNITS	PROPERTY TEST SPECIFICATIONS	PROPERTY REMARKS
BARCOL.HRD	BARCOL HARDNESS	NA	ASTM D3648	
BLK.MD.ELA	BULK MODULUS OF ELASTICITY	PSI	NS	
BR.STR	BEARING STRENGTH	PSI	ASTM E230	
BR.YLD.STR	BEARING YIELD STRENGTH	PSI	ASTM E230	
BRIN.HRD	BRINELL HARDNESS	NA	ASTM E10	
BRK.LOAD	BREAKING LOAD	PSI	NS	
CHM.PUR.DG	CHEMICAL PURITY DEGRADATION	X	NS	
CMPSV.STR	COMPRESSIVE STRENGTH	PSI	ASTM E9	
CORR.RATE	CORROSION RATE	MIL/YR	NS	
CRP.RP.STR	CREEP RUPTURE STRENGTH	PSI	ASTM E139	
CRP.STR	CREEP STRENGTH	PSI	ASTM E139	

PROPERTIES NOMENCLATURE TABLE

MATERIAL APPLICATION CLASS: METAL

PROPERTY CODE	PROPERTY NAME	PROPERTY UNITS	PROPERTY TEST SPECIFICATIONS	PROPERTY REMARKS
DIAM	DIAMETER	INCHES	NS	
DSRP.DOSAG	CUMULATIVE DESORPTION (DOSAGE)	MG*MIN/M*3		
ELO.YLD	ELONGATION (YIELD)	%	NS	
FAT.STR	FATIGUE STRENGTH	PSI (n CYCLES)	NS	
IM.STR.CHY	IMPACT STRENGTH (CHARPY)	FT LB	ASTM E23	
IM.STR.I2M	IMPACT STRENGTH (I200-WOTCHED)	FT LB	ASTM E23	
IM.STR.I2U	IMPACT STRENGTH (I200-UNNOTCH)	FT LB	NS	
KNOOP.HRD	KNOOP HARDNESS	PSI	ASTM E384	
LENGTH	LENGTH	INCHES	NS	
MAX.ELO	MAXIMUM ELONGATION	%	ASTM E8	
MOD.ELA.S-T	MOD. ELASTICITY(SHEAR/TORSION)	PSI	ASTM E143	

PROPERTIES NOMENCLATURE TABLE

MATERIAL APPLICATION CLASS: METAL

PROPERTY CODE	PROPERTY NAME	PROPERTY UNITS	PROPERTY TEST SPECIFICATIONS	PROPERTY REMARKS
MD.ELA.T-C	MOD. ELASTICITY(TENSION/COMP.)	PSI	ASTM E111	
MD.RP.BND	MODULUS OF RUPTURE IN BENDING	PSI	ASTM D790	
MD.RP.TOR	MODULUS OF RUPTURE IN TORSION	PSI	ASTM D790	
OBSERVATN	OBSERVATION	NS	NS	RECORD TEXTUAL DATA SUCH AS CHANGES IN APPEARANCE OR COLOR IN THE REMARKS FIELD.
PENET.RATE	PENETRATION RATE	INCHES/YR	NS	
PIT.DPTH	PITTING DEPTH	INCHES	NS	
POISS.RAT	POISSON'S RATIO	NS	ASTM E132	
RED.AREA	REDUCTION OF AREA	X	ASTM E8	
ROCK.HRD	ROCKWELL HARDNESS	NA	ASTM E18	
SHR.STR	SHEAR STRENGTH	PSI	NS	
TN.STR.BRK	TENSILE STRENGTH (BREAK)	PSI	ASTM E8	

PROPERTIES NOMENCLATURE TABLE

MATERIAL APPLICATION CLASS: METAL

PROPERTY CODE	PROPERTY NAME	PROPERTY UNITS	PROPERTY TEST SPECIFICATIONS	PROPERTY REMARKS
VICKER.HRD	VICKERS HARDNESS	PSI	ASTM E92	
WEIGHT	WEIGHT	X	NS	WEIGHT CHANGE SHOULD BE RECORDED AS A PERCENTAGE (X) OF INITIAL SAMPLE WEIGHT
WIDTH	WIDTH	INCHES	NS	
YLD.POINT	YIELD POINT	NS	NS	
YLD.STR	TENSILE STRENGTH (YIELD)	PSI	ASTM E8	
YLD.STR	YIELD STRENGTH	PSI	ASTM E8	

PLASTICS PROPERTIES

PROPERTIES NOMENCLATURE TABLE

MATERIAL APPLICATION CLASS: PLASTIC

PROPERTY CODE	PROPERTY NAME	PROPERTY UNITS	PROPERTY TEST SPECIFICATIONS	PROPERTY REMARKS
ABSRP.RATE	ABSORPTION RATE	NS	NS	
ARC.ASTM	ARC RESISTANCE	SECONDS	NS	
BARCOL.HRD	BARCOL HARDNESS	NA	ASTM D2583	
BR.STR	BEARING STRENGTH	NS	ASTM D953	
BRK.TIME	BREAKTHROUGH TIME	MINUTES	NS	
BURST.STR	BURST STRENGTH	PSI	ASTM D380	
CMPSV.STR	COMPRESSIVE STRENGTH	PSI	ASTM D695	
CRP.RP.STR	CREEP RUPTURE STRENGTH	PSI	ASTM D2990	
CRP.STP	CREEP STRENGTH	PSI	ASTM D2990	
CUM.DSRP	CUMULATIVE DESORPTION	GM/CM ²	NS	DATA MAY NEED TO BE ENTERED IN SCIENTIFIC NOTATION, E.G., 7.780E-6.
CUM.PENT	CUMULATIVE PENETRATION	GRAMS	NS	

PROPERTIES NOMENCLATURE TABLE

MATERIAL APPLICATION CLASS: PLASTIC

PROPERTY CODE	PROPERTY NAME	PROPERTY UNITS	PROPERTY TEST SPECIFICATIONS	PROPERTY REMARKS
CUM.PER.	CUMULATIVE PERMEATION	CM/CM ²	NS	DATA MAY NEED TO BE ENTERED IN SCIENTIFIC NOTATION, E.G., 7.780E-6.
DIAM	DIAMETER	INCHES	ASTM D543	
DIELE.CNST	DIELECTRIC CONSTANT	50 CYCLES	ASTM D150	
DIELE.STR	DIELECTRIC STRENGTH	VOLTS/MIL	ASTM D149	
DIFUSIV	DIFFUSIVITY	CM ² /SEC	NS	ALSO KNOWN AS DIFFUSION COEFFICIENT. SCIENTIFIC NOTATION MAY BE REQUIRED.
DSRC.DOSAG	CUMULATIVE DESORPTION (DOSAGE)	MG*MIN/M ²		
DSRC.RATE	DESORPTION RATE	CM/CM ² /SEC	NS	DATA MAY NEED TO BE ENTERED IN SCIENTIFIC NOTATION, E.G., 7.780E-6.
DSSP.FCTR	DISSIPATION FACTOR	NS	ASTM D150	
ELA.LIMIT	ELASTIC LIMIT	NS	ASTM D1621	
ELC.YLD	ELONGATION (YIELD)	%	ASTM D638	
FILM.HRD	FILM HARDNESS	NS	NS	

PROPERTIES NOMENCLATURE TABLE

MATERIAL APPLICATION CLASS: PLASTIC

PROPERTY CODE	PROPERTY NAME	PROPERTY UNITS	PROPERTY TEST SPECIFICATIONS	PROPERTY REMARKS
FLEX.MD	FLEXURAL MODULUS	PS	ASTM D790	
FLEX.STR	FLEXURAL STRENGTH	PSI	ASTM D790, ASTM D740-63	
GL. TRN. TMP	GLASS TRANSITION TEMP. (TC)	DEGREES F	NS	
HAZE	HAZE	%	ASTM D1003	
HT. DEF. TMP	HEAT DEFLECTION TEMPERATURE	DEGREES F	NS	
IM. STR. 1ZM	IMPACT STRENGTH (1Z00-NOTCHED)	FT LB/INCH	ASTM D256	
IM. STR. 1ZU	IMPACT STRENGTH (1Z00-UNNOTCH)	FT LB/INCH	ASTM D256	
IND. REFRCTN	INDEX OF REFRACTION	NS	ASTM D542	
INTEG	INTEGRITY	NA	NS	
LENGTH	LENGTH	INCHES	NS	
LOAD. DEF.	LOAD DEFORMATION (1ST CYCLE)	LB/LINEAR INCH	ASTM D622	

PROPERTIES NOMENCLATURE TABLE

MATERIAL APPLICATION CLAS: PLASTIC

PROPERTY CODE	PROPERTY NAME	PROPERTY UNITS	PROPERTY TEST SPECIFICATIONS	PROPERTY REMARKS
LOAD.DEFS	LOAD DEFORMATION (5TH CYCLE)	LB/LINEAR INCH	ASTM D622	
MAX.ELO	MAXIMUM ELONGATION	%	ASTM D638	
MO.ELA.S.T	MOD. ELASTICITY(SHEAR/TORSION)	PSI	NS	
MO.ELA.T.C	MOD. ELASTICITY(TENSION/COMP.)	PSI	ASTM D638	
MO.RSLMC	MODULUS OF RESILIENCE	NS	NS	
MP	MELTING POINT	DEGREES F	ASTM D2117	
OBSERVATN	OBSERVATION	NS	NS	RECORD TEXTUAL DATA SUCH AS CHANGES IN APPEARANCE OR COLOR IN THE REMARKS FIELD.
OP.AB.RSTW	OPTICAL ABRASION RESISTANCE	NS	ASTM D1044	
PERM.RATE	PERMEATION RATE	CM/CM ² /SEC	NS	DATA MAY NEED TO BE ENTERED IN SCIENTIFIC NOTATION, E.G., 7.780E-6.
PERMBLTY	PERMEABILITY	CM CM/CM ² / MMHg/SEC	NS	DATA MAY NEED TO BE ENTERED IN SCIENTIFIC NOTATION, E.G., 7.780E-6.
POW.FCTR	POWER FACTOR(100,10E3,10E5 HZ)	60 CYCLES	NS	

PROPERTIES NOMENCLATURE TABLE

MATERIAL APPLICATION CLASS: PLASTIC

PROPERTY CODE	PROPERTY NAME	PROPERTY UNITS	PROPERTY TEST SPECIFICATIONS	PROPERTY REMARKS
ROCK.HRD	ROCKWELL HARDNESS	NA	ASTM D785	
SHOR.A.HRD	SHORE A HARDNESS	NA	ASTM D2240	
SHOR.D.HRD	SHORE D HARDNESS	NA	ASTM D2240	
SHL.STR	SHEAR STRENGTH	PSI	ASTM D732	
SOL.INF.DL	SOLUBILITY AT INFINITE DILUT.	%	NS	
SOLUBTY	SOLUBILITY	GM/CM ³ /minHg	NS	
SPP.RESV	SURFACE RESISTIVITY	LOG OHM	ASTM D257	
STIFF	STIFFNESS	NS	NS	
STPCS.CRZ	STRESS CRAZE	NS	ASTM F484	
TEAR.RSTN	TEAR RESISTANCE	LBF	ASTM D2582	
TEAR.STR	TEARING STRENGTH	NS	NS	

TEXTUAL DATA SHOULD BE RECORDED IN THE REMARKS TABLE.

PROPERTIES NOMENCLATURE TABLE

MATERIAL APPLICATION CLASS: PLASTIC

PROPERTY CODE	PROPERTY NAME	PROPERTY UNITS	PROPERTY TEST SPECIFICATIONS	PROPERTY REMARKS
TGH.AREA	TOUGHNESS (AREA)	INCHES ²	ASTM D638	
TGH.DIMLESS	TOUGHNESS (DIMENSIONLESS)	NA	ASTM D638	
THICK.CNTR	THICKNESS (CENTER)	INCHES	ASTM D543	
THICK.EDGE	THICKNESS (EDGE)	INCHES	ASTM D543	
TN.STR.BRK	TENSILE STRENGTH (BREAK)	PSI	ASTM D638	
TRANSM.0.4	TRANSMITTANCE (0.4u)	%	ASTM D1003	
TRANSM.0.5	TRANSMITTANCE (0.5u)	%	ASTM D1003	
TRANSM.0.6	TRANSMITTANCE (0.6u)	%	ASTM D1003	
TRANSM.0.7	TRANSMITTANCE (0.7 u)	%	ASTM D1003	
TRANSM.ACT	TRANSMITTANCE (ACTUAL)	%	ASTM D1003	
VOL.RESV	VOLUME RESISTIVITY	LOG OHM	ASTM D257	

PROPERTIES NOMENCLATURE TABLE

MATERIAL APPLICATION CLASS: PLASTIC

PROPERTY CODE	PROPERTY NAME	PROPERTY UNITS	PROPERTY TEST SPECIFICATIONS	PROPERTY REMARKS
WEIGHT	WEIGHT	%	ASTM D543	WEIGHT CHANGE SHOULD BE RECORDED AS A PERCENTAGE (%) OF INITIAL SAMPLE WEIGHT
WEIT	WEITABILITY	DEGREES	MS	
WIDTH	WIDTH	INCHES	MS	
YLD.STR	TENSILE STRENGTH (YIELD)	PSI	ASTM D638	
YLD.STR	YIELD STRENGTH	PSI	ASTM D338	

ELASTOMERS PROPERTIES

PROPERTIES NOMENCLATURE TABLE

MATERIAL APPLICATION CLASS: ELASTOMER

PROPERTY CODE	PROPERTY NAME	PROPERTY UNITS	PROPERTY TEST SPECIFICATIONS	PROPERTY REMARKS
AB.RSTN	ABRASION RESISTANCE	NS	ASTM D1630	
ABSRP.RATE	ABSORPTION RATE	NS	NS	
AREA	SURFACE AREA	INCHES ²	NS	
BARCOL.HRD	BARCOL HARDNESS	NA	ASTM D2240	
BRK.TIME	BREAKTHROUGH TIME	MINUTES	NS	
CMPSN.SET	COMPRESSION SET	%	ASTM D395	
CLM.CORP	CUMULATIVE DESORPTION	GM/CM ²	NS	DATA MAY NEED TO BE ENTERED IN SCIENTIFIC NOTATION, E.G., 7.780E-6.
CLM.PENT	CUMULATIVE PENETRATION	GRAMS	NS	
CLM.PERM	CUMULATIVE PERMEATION	GM/CM ²	NS	DATA MAY NEED TO BE ENTERED IN SCIENTIFIC NOTATION, E.G., 7.780E-6.
DIAM	DIAMETER	INCHES	NS	
DIELE.CNST	DIELECTRIC CONSTANT	KILOCYCLES	NS	

PROPERTIES NOMENCLATURE TABLE

MATERIAL APPLICATION CLASS: ELASTOMER

PROPERTY CODE	PROPERTY NAME	PROPERTY UNITS	PROPERTY TEST SPECIFICATIONS	PROPERTY REMARKS
DIELE.STR	DIELECTRIC STRENGTH	VOLTS/MIL	NS	
DIFFUSIV	DIFUSIVITY	CM ² /SEC	NS	ALSO KNOWN AS DIFFUSION COEFFICIENT. SCIENTIFIC NOTATION MAY BE REQUIRED.
DSRP.DOSAG	CUMULATIVE DESORPTION (DOSAGE)	MG/MIN/H ³		
DSRP.RATE	DESORPTION RATE	GM/CM ² /SEC	NS	DATA MAY NEED TO BE ENTERED IN SCIENTIFIC NOTATION, E.G., 7.780E-6.
DSSP.FCTR	DISSIPATION FACTOR	KILOCYCLES	NS	
EIA.LIMIT	ELASTIC LIMIT	NS	NS	
FILM.HRD	FILM HARDNESS	NS	NS	
GL.TRN.TMP	GLASS TRANSITION TEMP. (TG)	DEGREES F	TMA	
LENGTH	LENGTH	INCHES	ASTM D471	
MAX.ELO	MAXIMUM ELONGATION	%	ASTM D412	
MOD.ELA.T-C	MOD. ELASTICITY(TENSION/COMP.)	NS	ASTM D797	

PROPERTIES NOMENCLATURE TABLE

MATERIAL APPLICATION CLASS: ELASTOMER

PROPERTY CODE	PROPERTY NAME	PROPERTY UNITS	PROPERTY TEST SPECIFICATIONS	PROPERTY REMARKS
MD.RSLMC	MODULUS OF RESILIENCE	NS	NS	
ORSEVATN	OBSERVATION	NS	NS	RECORD TEXTUAL DATA SUCH AS CHANGES IN APPEARANCE OR COLOR IN THE REMARKS FIELD.
PERM.RATE	PERMEATION RATE	CM/CM ² /SEC	NS	DATA MAY NEED TO BE ENTERED IN SCIENTIFIC NOTATION, E.G., 7.780E-6.
PERMBLTY	PERMEABILITY	CM CM/CM ² / mmHg/SEC	NS	DATA MAY NEED TO BE ENTERED IN SCIENTIFIC NOTATION, E.G., 7.780E-6.
SHOR.A.HRD	SHORE A HARDNESS	NA	ASTM D2240	
SHOR.D.HRD	SHORE D HARDNESS	NA	NS	
SCL.INF.DL	SOLUBILITY AT INFINITE DILUT.	%	NS	
SOLBLTY	SOLUBILITY	CM/CM ³ /mmHg	NS	
STIFF	STIFFNESS	NS	NS	
TEAR.RSTM	TEAR RESISTANCE	LBS/INCH	ASYM DA24	
TEAR.TTP	TEARING STRENGTH	NS	NS	

PROPERTIES NOMENCLATURE TABLE

MATERIAL APPLICATION CLASS: ELASTOMER

PROPERTY CODE	PROPERTY NAME	PROPERTY UNITS	PROPERTY TEST SPECIFICATIONS	PROPERTY REMARKS
TGM.DMLSS	TOUGHNESS (DIMENSIONLESS)	NA	ASTM D412	
THCK.CNTR	THICKNESS (CENTER)	INCHES	ASTM D471	
THCK.EDGE	THICKNESS (EDGE)	INCHES	MS	
TM.STR.100	TENSILE STRENGTH (100% ELONG.)	PSI	ASTM D412	
TM.STR.300	TENSILE STRENGTH (300% ELONG.)	PSI	ASTM D412	
TM.STR.600	TENSILE STRENGTH (BREAK)	PSI	ASTM D412	
TR-10.ATRC	TR-10 RETRACTION	DEGREES F	ASTM D139	
VOL.RSTV	VOLUME RESISTIVITY	OHM METER	ASTM D991	
VOL.SWELL	VOLUME (SWELL %)	NA	ASTM D471	
WEIGHT	WEIGHT	%	ASTM D471	WEIGHT CHANGE SHOULD BE RECORDED AS A PERCENTAGE (%) OF INITIAL SAMPLE WEIGHT
WETT	WETTABILITY	DEGREES	MS	

PROPERTIES NOMENCLATURE TABLE

MATERIAL APPLICATION CLASS: ELASTOMER

PROPERTY CODE	PROPERTY NAME	PROPERTY UNITS	PROPERTY TEST SPECIFICATIONS	PROPERTY REMARKS
WIDTH	WIDTH	INCHES	ASTM D471	
YLD.STR	YIELD STRENGTH	PSI	ASTM D412	
YLD.STR	TENSILE STRENGTH (YIELD)	PSI	ASTM D412	

ADHESIVES/SEALANTS PROPERTIES

PROPERTIES NOMENCLATURE TABLE

MATERIAL APPLICATION CLASS: ADHESIVE/SEALANT

PROPERTY CODE	PROPERTY NAME	PROPERTY UNITS	PROPERTY TEST SPECIFICATIONS	PROPERTY REMARKS
ABSRP.RATE	ABSORPTION RATE	NS	NS	
ADH.STR	ADHESIVE STRENGTH	PSI	NS	
BARCOL.HRD	BARCOL HARDNESS	HA	ASTM D2240	
BD.SRF.DUR	BOND SURFACE DURABILITY	INCHES	ASTM D3762	
BD.SRF.DUP	SLIT PROPAGATION	INCHES	ASTM D3762	
BRK.TIME	BREAKTHROUGH TIME	MINUTES	NS	
CUM.DSRP	CUMULATIVE DESORPTION	CM/CM^2	NS	DATA MAY NEED TO ENTERED IN SCIENTIFIC NOTATION, E.G., 7.780E-6.
CUM.PENT	CUMULATIVE PENETRATION	GRAMS	NS	
CUM.PERN	CUMULATIVE PERMEATION	CM/CM^2	NS	DATA MAY NEED TO BE ENTERED IN SCIENTIFIC NOTATION, E.G., 7.780E-6.
DIFUSIV	DIFFUSIVITY	CM^2/SEC	NS	ALSO KNOWN AS DIFFUSION COEFFICIENT. SCIENTIFIC NOTATION MAY BE REQUIRED.
DSRP.DOSAG	CUMULATIVE DESORPTION (DOSAGE)	MG*MIN/M^3		

PROPERTIES NOMENCLATURE TABLE

MATERIAL APPLICATION CLASS: ADHESIVE/SEALANT

PROPERTY CODE	PROPERTY NAME	PROPERTY UNITS	PROPERTY TEST SPECIFICATIONS	PROPERTY REMARKS
DSRP.RATE	DESCRIPTION RATE	CM/CM ² /SEC	NS	DATA MAY NEED TO BE ENTERED IN SCIENTIFIC NOTATION, E.G., 7.780E-6.
FILM.HRD	FILM HARDNESS	NS	NS	
GL.TRN.TMP	GLASS TRANSITION TEMP. (TG)	DEGREES F	NS	
MAX.ELO	MAXIMUM ELONGATION	%	ASTM D412, ASTM D63	
MD.ELA.T	MODULUS ELASTICITY (TENSILE)	PSI	ASTM D638	
OBSERVATN	OBSERVATION	NS	NS	RECORD TEXTUAL DATA SUCH AS CHANGES IN APPEARANCE OR COLOR IN THE REMARKS FIELD.
PERM.RATE	PERMEATION RATE	CM/CM ² /SEC	NS	DATA MAY NEED TO BE ENTERED IN SCIENTIFIC NOTATION, E.G., 7.780E-6.
PL.STR.AVG	PEEL STRENGTH (AVERAGE)	LB/INCH OF WIDTH	ASTM C794	
SHOR.A.HRD	SHORE A HARDNESS	NA	ASTM D2240	
SOLUBLY	SOLUBILITY	CM/CM ³ /minHg	NS	
STIFF	STIFFNESS	NS	NS	

PROPERTIES NOMENCLATURE TABLE

MATERIAL APPLICATION CLASS: ADHESIVE/SEALANT

PROPERTY CODE	PROPERTY NAME	PROPERTY UNITS	PROPERTY TEST SPECIFICATIONS	PROPERTY REMARKS
TEAR.STR	TEARING STRENGTH	NS	NS	
TGM.DIMLESS	TOUGHNESS (DIMENSIONLESS)	NA	ASTM D412, ASTM D638	
TM.STR.100	TENSILE STRENGTH (100% ELONG.)	PSI	ASTM D412	
TY.STR.300	TENSILE STRENGTH (300% ELONG.)	PSI	ASTM D412	
TM.STR.BRK	TENSILE STRENGTH (BREAK)	PSI	ASTM D412, ASTM D638	
VOL.SWELL	VOLUME (SWELL %)	NA	NS	
WEIGHT	WEIGHT	%	NS	WEIGHT CHANGE SHOULD BE RECORDED AS A PERCENTAGE (%) OF INITIAL SAMPLE WEIGHT
YLD.STR	YIELD STRENGTH	PSI	ASTM D412	
YLD.STR	TENSILE STRENGTH (YIELD)	PSI	ASTM D412	

COATINGS PROPERTIES

PROPERTIES NOMENCLATURE TABLE

MATERIAL APPLICATION CLASS: COATING

PROPERTY CODE	PROPERTY NAME	PROPERTY UNITS	PROPERTY TEST SPECIFICATIONS	PROPERTY REMARKS
FLEXIBLY	FLEXIBILITY	NS	FED TEST STANDARD 141A, 6222	
OBSERVATION	OBSERVATION	NS	NS	RECORD TEXTUAL DATA SUCH AS CHANGES IN APPEARANCE OR COLOR IN THE REMARKS FIELD.