

Material Data Declaration Sheet - v003

Schema Database Version: IEC 62474 X6.01

Substance Database Version: IEC 62474 D12.00



Supplier Information

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Product(s)

Product Family Name: COFFEELKD

Requester Item						
Number	Item Number *	Description	Effective Date *	Mass *	UoM*	Comment
	CM8068403358xxxS	CM8068403358xxx S	2017-08-08	31.10000	g	

Declaration

	This product is Low Halogen (Components): Applies only to brominated and chlorinated flame retardants (BFRs/CFRs) and PVC in the final product. The replacement of halogenated flame retardants may not be better for the environment. Intel Components as well as purchased components on the finished assembly meet the joint JEDEC/ECA JS-709B requirement.	
LHPLA		True
PVC	This product does not contain PVC	True
SVHC	Product Contains REACH SVHC above .1% of article	False
RoHS.Compliant	Product Meets EU ROHS Requirements	True

Signature

Intel Product
Ecology

C=US, E=productecology@intel.com, OU="", O=Intel Corporation, CN=Intel Product Ecology

RoHS

Homogenous Material Name	Material Class ID	HM Mass %	Substance Group	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass % of HM	Exemption	Comments
			Cadmium/Cadmium compounds	All, except batteries	0.01 mass% of total Cr	false			
			Chromium (VI) Compounds	All	0.1 mass% of total Cr	false			
			Lead/Lead Compounds	All, except for batteries, c	0.1 mass% of total Pb	false			
			Mercury/Mercury Compounds	All, except batteries	Intentionally Added or	false			
			Polybrominated Biphenyls	All	0.1 mass% in homogen	false			
			Polybrominated Diphenyls	All	0.1 mass% in homogen	false			

Low Halogen

Homogenous Material Name	Material Class ID	HM Mass %	Substance Group	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass % of HM	Comments
			Brominated flame retardants	Printed wiring board laminates	0.09 mass% total bromine	false		
			Brominated flame retardants	Plastic materials except pigments	0.1 mass% of bromine	false		
			Chlorinated Flame Retardants	Plastic materials except pigments	0.1 mass% chlorine in flame	false		
			Chlorinated Flame Retardants	Printed Wiring Board (PWB)	0.09 mass% total chlorine	false		
	M-012		PVC			false		

Other Declarable Substances

Substance Group	Substance	CAS #	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass (% of Article)	Comments
4-Nonylphenol, branched and linear, ethoxylated			All	0.1 mass% of article	false		
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)			All	Intentionally added or 0.1	false		
Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false		
Asbestos			All	Intentionally added	false		
Cadmium/Cadmium compounds			Batteries	0.001% by weight of battery	false		
Dibutyltin (DBT) compounds			All	0.1 mass% of tin in the part	false		
Diocetyl tin (DOT) compounds			(a) textile and leather articles	0.1 mass% of tin in the part	false		
Disodium tetraborates			All	0.1 mass% of article	false		
Fluorinated Greenhouse Gases (PFC, SF6, HFC)			All	Intentionally Added	false		
Hexabromocyclododecane (HBCDD) and all major diastereoisomers			All	Intentionally added or 0.1	false		
Hexahydromethylphthalic anhydride			All	0.1 mass% of article	false		
Lead/Lead Compounds			Consumer products designed for	0.01 mass%	false		
Lead/Lead Compounds			Batteries	0.004 mass% of battery	false		
Mercury/Mercury Compounds			Batteries	Intentionally added or 0.0	false		
Ozone Depleting Substances (CFC, Halon, HBFC, HCFC & others)			All	Intentionally Added	false		
Perchlorates			All	6 x 10 ⁻⁷ mass% of battery	false		
Perfluorononane-1-oic acid and its sodium and ammonium salts			All	0.1 mass% of article	false		
Polychlorinated Biphenyls (PCBs) and specific substitutes			All	Intentionally added	false		
Polychlorinated Naphthalenes (PCNs)			All	Intentionally added	false		
Radioactive substances			All	Intentionally added	false		
Tri-substituted organostannic compounds			All	Intentionally added or 0.1	false		
Zirconia Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false		
	[Phthalato(2-)]dioxotriole	69011-06-9	Heat stabilizer for plastic	0.1 mass% of article	false	0.0000	
	1,2-benzenedicarboxylic acid	68515-51-5, 686	Plasticisers, lubricants, ad	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic acid	71888-89-6	Plasticizer, dye, pigment,	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic acid	68515-42-4	Plasticizer, dye, pigment,	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic acid	68515-50-4	Used as a plasticizer for c	0.1 mass% of article	false	0.0000	

1,2-Benzenedicarboxylic acid	84777-06-0	Plasticizer in plastic material	0.1 mass% of article	false	0.0000
1,2-bis(2-methoxyethoxy)ethane	112-49-2	Solvent may be used in battery	0.1 mass% of article	false	0.0000
1,2-Diethoxyethane	629-14-1	Solvent used in electrolyte	0.1 mass% of article	false	0.0000
1,2-dimethoxyethane	110-71-4	Solvent used in battery	0.1 mass% of article	false	0.0000
1,3-propanesultone	1120-71-4	Electrolyte fluid of recharger	0.1 mass% of article	false	0.0000
2-(2H-benzotriazol-2-yl)-4,6-dimethyl-6-tert-butyl-2-methylphenol	36437-37-3	UV stabilizer	0.1 mass% of article	false	0.0000
2-(2H-benzotriazol-2-yl)-4,6-dimethyl-6-tert-butyl-2-methylphenol	25973-55-1	UV stabilizer	0.1 mass% of article	false	0.0000
2,4-di-tert-butyl-6-(5-chloropentyl)-2-methylphenol	3864-99-1	UV stabilizer	0.1 mass% of article	false	0.0000
2-benzotriazol-2-yl-4,6-di-tert-butyl-2-methylphenol	3846-71-7	UV-stabilizer in adhesives	Intentionally added or 0.1 mass%	false	0.0000
2-ethylhexyl 10-ethyl-4,4'-methylenebis(3-tert-butyl-4-hydroxyphenyl)phthalate	15571-58-1	PVC stabilizer	0.1 mass% of article	false	0.0000
4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	Unreacted process chemical	0.1 mass% of article	false	0.0000
4-Aminoazobenzene	60-09-3	Used as yellow pigment	0.1 mass% of article	false	0.0000
Ammonium pentadecafluorooctanoate	3825-26-1	APFO is used as an emulsifier	0.1 mass% of article	false	0.0000
Benzenamine, N-phenyl-, 1-phenyl-2-methyl-2-propyl-1H-imidazole	68921-45-9	Lubricating agent in motor oil	Intentionally added	false	0.0000
Benzo[a]anthracene	56-55-3	Impurities in carbon black	0.0001 mass% of the plastic	false	0.0000
Benzo[a]anthracene	56-55-3	Impurities in carbon black	0.00005 mass% of the plastic	false	0.0000
Benzo[a]pyrene	50-32-8	Impurities in carbon black	0.0001 mass% of the plastic	false	0.0000
Benzo[a]pyrene	50-32-8	Impurities in carbon black	0.00005 mass% of the plastic	false	0.0000
Benzo[b]fluoranthene	205-99-2	Impurities in carbon black	0.0001 mass% of the plastic	false	0.0000
Benzo[b]fluoranthene	205-99-2	Impurities in carbon black	0.00005 mass% of the plastic	false	0.0000
Benzo[def]chrysene	50-32-8	Impurities in carbon black	0.1 mass% of article	false	0.0000
Benzo[e]pyrene	192-97-2	Impurities in carbon black	0.0001 mass% of the plastic	false	0.0000
Benzo[e]pyrene	192-97-2	Impurities in carbon black	0.00005 mass% of the plastic	false	0.0000
Benzo[j]fluoranthene	205-82-3	Impurities in carbon black	0.0001 mass% of the plastic	false	0.0000
Benzo[j]fluoranthene	205-82-3	Impurities in carbon black	0.00005 mass% of the plastic	false	0.0000
Benzo[k]fluoranthene	207-08-9	Impurities in carbon black	0.0001 mass% of the plastic	false	0.0000
Benzo[k]fluoranthene	207-08-9	Impurities in carbon black	0.00005 mass% of the plastic	false	0.0000
Benzyl butyl phthalate (BBP)	85-68-7	Plasticizer, dye, pigment	0.1 mass% in homogeneous material	false	0.0000
Beryllium Oxide	1304-56-9	Ceramics	0.1 mass%	false	0.0000
Bis(2-ethylhexyl)phthalate	117-81-7	Plasticizer, dye, pigment	0.1 mass% in homogeneous material	false	0.0000
Bis(2-methoxyethyl) ether	111-96-6	Electrolyte in lithium battery	0.1 mass% of article	false	0.0000
Bis(2-methoxyethyl) phthalate	117-82-8	Plasticizer	0.1 mass% of article	false	0.0000
Bis(pentabromophenyl) ether	1163-19-5	Flame retardant	0.1 mass% of article	false	0.0000
Bis(tributyltin) oxide (TBT)	56-35-9	Antiseptic, antifungal agent	Intentionally added or 0.1 mass%	false	0.0000
Boric Acid	10043-35-3	In wood veneers/ pressed wood	0.1 mass% of article	false	0.0000
Cadmium	7440-43-9	Pigments, anti-corrosion	0.1 mass% of article	false	0.0000
Cadmium oxide	1306-19-0	Relay contact; photodiode	0.1 mass% of article	false	0.0000
Cadmium sulphide	1306-23-6	Used in photo-resistors, solar cells	0.1 mass% of article	false	0.0000
Chrysen	218-01-9	Impurities in carbon black	0.0001 mass% of the plastic	false	0.0000
Chrysen	218-01-9	Impurities in carbon black	0.00005 mass% of the plastic	false	0.0000
Cobalt dichloride	7646-79-9	Pneumatic panels to indicate pressure	0.1 mass% of article	false	0.0000
Diarsenic pentoxide	1303-28-2	Additive in wood, metal	0.1 mass% of article	false	0.0000
Diarsenic trioxide	1327-53-3	Additive in wood, metal	0.1 mass% of article	false	0.0000
Dibenzo[a,h]anthracene	53-70-3	Impurities in carbon black	0.0001 mass% of the plastic	false	0.0000
Dibenzo[a,h]anthracene	53-70-3	Impurities in carbon black	0.00005 mass% of the plastic	false	0.0000
Diboron trioxide	1303-86-2	Found in wood veneers, pressed wood	0.1 mass% of article	false	0.0000
Dibutyl phthalate (DBP)	84-74-2	Plasticizer, dye, pigment	0.1 mass% in homogeneous material	false	0.0000
Dibutyltin dichloride (DBT)	683-18-1	Ingredient in some paint	0.1 mass% of article	false	0.0000
Diisobutyl phthalate	84-69-5	Plasticizer, dye, pigment	0.1 mass% in homogeneous material	false	0.0000
Diisodecyl phthalate (DID)	68515-49-1	Plasticizer, dye, pigment	Intentionally added	false	0.0000
Diisononyl phthalate (DIN)	28553-12-0	Used as a plasticizer for PVC	Intentionally added	false	0.0000
Diisopentylphthalate	605-50-5	Plasticizer in plastic material	0.1 mass% of article	false	0.0000
Dimethyl Fumarate (DMF)	624-49-7	Biocide, mold prevention	0.00001 mass% of the plastic	false	0.0000
Di-n-hexyl Phthalate (DnH)	84-75-3	Plasticizer, dye, pigment	Intentionally added or 0.1 mass%	false	0.0000
Dioxobis(stearato)trilead	12578-12-0	Heat stabilizer for plastic	0.1 mass% of article	false	0.0000
Dipentyl phthalate (DPP)	131-18-0	Plasticizer in PVC	0.1 mass% of article	false	0.0000
Disodium 3,3'-[1,1'-biphenyl]-4,4'-dicarboxylate	573-58-0	Dye for textiles and paper	0.1 mass% of article	false	0.0000

Disodium 4-amino-3-[[4'-[1937-37-7	Used in ink for printers	0.1 mass% of article	false	0.0000
Fatty acids, C16-18, lead s	91031-62-8	Heat stabilizer for plastic:	0.1 mass% of article	false	0.0000
Formaldehyde	50-00-0	Textiles	0.0075 mass % of textile	false	0.0000
Imidazolidine-2-thione; (2	96-45-7	used as a catalyst in some	0.1 mass% of article	false	0.0000
Lead chromate	7758-97-6	Colorant in plastics; Color	0.1 mass% of article	false	0.0000
Lead chromate molybdate	12656-85-8	Colorant in plastics; Color	0.1 mass% of article	false	0.0000
Lead cyanamdate	20837-86-9	Used in anticorrosion coa	0.1 mass% of article	false	0.0000
Lead dinitrate	10099-74-8	Heat stabilizer in nylon ar	0.1 mass% of article	false	0.0000
Lead oxide sulfate	12036-76-9	Heat stabilizer for PVC us	0.1 mass% of article	false	0.0000
Lead sulfochromate yellow	1344-37-2	Colorant in plastics; Color	0.1 mass% of article	false	0.0000
Lead titanium trioxide	12060-00-3	In piezoelectric compone	0.1 mass% of article	false	0.0000
Lead titanium zirconium o	12626-81-2	In piezoelectric compone	0.1 mass% of article	false	0.0000
N,N-dimethylformamide	68-12-2	Used as electrolyte in ele	0.1 mass% of article	false	0.0000
Nickel	7440-02-0	Stainless steel, plating; Ex	Intentionally Added	false	0.0000
N-pentyl-isopentylphthala	776297-69-9	Plasticizer in plastic mate	0.1 mass% of article	false	0.0000
Orange lead (lead tetroxid	1314-41-6	Used in rust-proof primer	0.1 mass% of article	false	0.0000
Pentadecafluorooctanoic ;	335-67-1	PFOA is used as an emuls	0.1 mass% of article	false	0.0000
Pentalead tetraoxide sulpl	12065-90-6	Heat stabilizer for plastic:	0.1 mass% of article	false	0.0000
Pentazinc chromate octah	49663-84-5	Colorant	0.1 mass% of article	false	0.0000
Potassium hydroxyoctaox	11103-86-9	Paint, anti-corrosion	0.1 mass% of article	false	0.0000
Pyrochlore, antimony lead	8012-00-8	Used as yellow pigment f	0.1 mass% of article	false	0.0000
reaction mass of 2-ethylhexyl	10-ethyl-4,4-	PVC stabilizer	0.1 mass% of article	false	0.0000
Silicic acid (H2Si2O5), bari	68784-75-8	Used in UV emitting light	0.1 mass% of article	false	0.0000
Strontium chromate	7789-06-2	Pigment; corrosion resist:	0.1 mass% of article	false	0.0000
Sulfurous acid, lead salt, d	62229-08-7	Heat stabilizer for PVC, fo	0.1 mass% of article	false	0.0000
Tetralead trioxide sulphat	12202-17-4	Heat stabilizer for PVC, fo	0.1 mass% of article	false	0.0000
Trilead dioxide phosphon	12141-20-7	Heat stabilizer for PVC, fo	0.1 mass% of article	false	0.0000
Tris(2-chloroethyl)phosph	115-96-8	Flame retardant	0.1 mass% of article	false	0.0000
Trixylyl phosphate	25155-23-1	Used as a plasticizer for v	0.1 mass% of article	false	0.0000