

## Material Data Declaration Sheet - v003

Schema Database Version: IEC 62474 X6.01

Substance Database Version: IEC 62474 D12.00



### Supplier Information

Company Name *	Intel Corporation
Response Document ID	22268
Company Unique ID	047897855
Unique ID Authority	Brad and Dunstreet
Response Date *	2017-05-08

Contact Name *	Butler, James P
Contact Title *	Intel Product Ecology
Contact Phone *	1-800-628-8686
Contact Email *	productecology@intel.com

Supplier Comments <http://qdms.intel.com> - Intel certifies that it gathered the provided information and such information is true and correct to the best of its knowledge and belief, as of the date that Intel completes this form. Intel acknowledges that Customer will rely on this certification in determining the compliance of its products. Customer acknowledges that Intel may have relied on information provided by others in completing this form, and that Intel may not have independently verified such information. However, in situations where Intel has not independently verified information provided by others, Intel agrees that, at a minimum, its suppliers have provided certifications regarding their contributions to the part(s), and those certifications are at least as comprehensive as the certification in this paragraph. If the Customer and the Intel enter into a written agreement with respect to the identified part(s), the terms and conditions of that agreement, including any warranty rights and/or remedies provided as part of that agreement, will be the sole and exclusive source of the Intel's liability and the Customer's remedies for issues that arise regarding information the Intel provides in this form. In the absence of such written agreement, the warranty rights and/or remedies of Intel's Standard Terms and Conditions of Sale applicable to such part shall apply.

**Product(s)**

Product Family Name: IBSKYLKS

Requester Item						
Number	Item Number *	Description	Effective Date *	Mass *	UoM*	Comment
	BX80673x1xx	BX80673x1xx	2017-05-08	107.39	g	

**Declaration**

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,	0.1 mass% of total Pb	false			
			Mercury/Mercury Compounds	All, except batteries	Intentionally Added or	false			
			Polybrominated Biphenyls	All	0.1 mass% in homogenized	false			
			Polybrominated Diphenyls	All	0.1 mass% in homogenized	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 pipes	0.1 mass% of bromine	false		
			Chlorinated Flame Retardants	Plastic materials except pipes	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 mass%	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 polymer	false		
	Diocetyl tin (DOT) compounds		(a) textile and leather articles	0.1 mass% of tin in the polymer	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 mass%	false		
	Hexahydromethylphthalic anhydride		All	0.1 mass% of article	false		
	Lead/Lead Compounds		Consumer products designed for use in	0.01 mass%	false		
	Lead/Lead Compounds		Batteries	0.004 mass% of battery	false		
	Mercury/Mercury Compounds		Batteries	Intentionally added or 0.01 mass%	false		
	Ozone Depleting Substances (CFC, Halon, HBFC, HCFC & others)		All	Intentionally Added	false		
	Perchlorates		All	6 x 10 <sup>-7</sup> mass% of battery	false		
	Perfluorononanoic 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 mass%	false		
	Zirconia Aluminosilicate Refractory Ceramic Fibres		All	0.1 mass% of article	false		
	[Phthalato(2-)]dioxotriole acid	69011-06-9	Heat stabilizer for plastic	0.1 mass% of article	false		
	1,2-benzenedicarboxylic acid	68515-51-5, 686	Plasticisers, lubricants, additives	0.1 mass% of article	false		
	1,2-Benzenedicarboxylic acid	71888-89-6	Plasticizer, dye, pigment	0.1 mass% of article	false		
	1,2-Benzenedicarboxylic acid	68515-42-4	Plasticizer, dye, pigment	0.1 mass% of article	false		
	1,2-Benzenedicarboxylic acid	68515-50-4	Used as a plasticizer for carbon	0.1 mass% of article	false		

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

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