



## Environmental Assessment & Declaration for Suppliers

Supplier Name \_\_\_\_\_

Date Completed \_\_\_\_\_

### Questionnaire

- |  | Yes                      | No                       |
|--|--------------------------|--------------------------|
| 1) Do you have an environmental policy? If so, please provide a copy.    | <input type="checkbox"/> | <input type="checkbox"/> |
| 2) Do you have an Environmental Management System (EMS) in place?        | <input type="checkbox"/> | <input type="checkbox"/> |
| 3) If so, is your EMS approved according to ISO14001 by a third party?   | <input type="checkbox"/> | <input type="checkbox"/> |
| 4) If not, do you plan to become third party approved? If so when, _____ | <input type="checkbox"/> | <input type="checkbox"/> |
| 5) Do you publish an environmental report? If so, please provide a copy. | <input type="checkbox"/> | <input type="checkbox"/> |

### Chemical Usage

#### SECTION A: BANNED MATERIALS

The following materials are banned from use in either the product itself or the manufacturing process. Please see appendix A for a detailed list of covered materials for each general category.

Appendix A Reference	Material Category	Prohibition Type
A1	Asbestos, Asbestos Containing Materials	Product
A2	Ozone Depleting Substances – Class I	Product and Manufacturing Process
A3	Ozone Depleting Substances – Class II	Product and Manufacturing Process
A4	Polychlorinated Biphenyls (PCBs) / Terphenyls (PCTs) and their ethers / oxides	Product
A5	Polybrominated Biphenyls (PBBs)	Product
A6	Certain Ethylene Glycol Ethers	Product and Manufacturing Process

**SECTION B: RESTRICTED MATERIALS**

The following materials are prohibited from use in specific applications. Please see Appendix A for a detailed list of covered materials for each general category.

<b>Appendix A Reference</b>	<b>Material Category</b>	<b>Banned Uses</b>
B1	Cadmium and its compounds	Dyes, pigments, paints/enamels Plastic Stabilizers (electric cables) Packaging/Packaging inks Plastic parts >25grams
B2	Chromium (VI) and its compounds	Packaging /Packaging inks
B3	Lead and its compounds	Packaging/Packaging inks Paints
B4	Mercury and its compounds	All uses except lamps Packaging/Packaging inks

**SECTION C: MATERIALS OF INTEREST**

Supplier must declare when any of the following substances are used in excess of the Threshold Reporting Level. Please see Appendix A for a detailed list of covered materials for each general category.

<b>Appendix A Reference</b>	<b>Material Category</b>	<b>Threshold Reporting Level</b>	<b>Amount Present in Grams</b>
C1a	Antimony and its compounds	1000 ppm	
C1b	Arsenic and its compounds	1000 ppm	
C1c	Beryllium and its compounds	1000 ppm	
C1d	Cadmium and its compounds	1000 ppm	
C1e	Chromium (VI) and its compounds	1000 ppm	
C1f	Lead and its compounds	1000 ppm	
C1g	Selenium and its compounds	1000 ppm	
C2a	Phthalates	1000 ppm (total product weight) or 1000 ppm in any plastic part >25 gms	
C2b	Azo-Based Materials	1000 ppm	

By signing below the supplier declares that the information provided in this Self Assessment is accurate and the supplier agrees to follow SGI's requirements for Banned (Section A) and Restricted (Section B) Materials and agrees to disclose Materials of Interest (Section C) in excess of the Threshold Reporting Levels.

Name \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Signature \_\_\_\_\_

## APPENDIX A: MATERIAL DECLARATION CHEMICAL LIST

### A1 - Asbestos/Asbestos Materials

### CAS Numbers

Asbestos and Asbestos Materials	1332-21-4
Actinolite	77536-66-4
Amosite (Grunerite)	12172-73-5
Anthophyllite	77536-67-5
Chrysotile	12001-29-5
Crocidolite	12001-28-4
Tremolite	77536-68-6

### A2 - Class I

#### Ozone Depleting Substances

#### CAS Numbers

Trichlorofluoromethane (CFC 11)	75-69-4
Dichlorodifluoromethane (CFC12)	75-71-8
Chlorotrifluoromethane (CFC 13)	75-72-9
Pentachlorofluoroethane (CFC 111)	354-56-3
Tetrachlorodifluoroethane (CFC 112)	76-12-0
Trichlorotrifluoroethane (CFC 113)	354-58-5
1,1,2 Trichlorotrifluoroethane	76-13-1
Dichlorotetrafluoroethane (CFC 114)	76-14-2
Monochloropentafluoroethane (CFC 115)	76-15-3
Heptachlorofluoropropane (CFC 211)	422-78-6 135401-87-5
Hexachlorodifluoropropane (CFC 212)	3182-26-1
Pentachlorotrifluoropropane (CFC 213)	2354-06-5 134237-31-3
Tetrachlorotetrafluoropropane (CFC 214)	29255-31-0
1,1,1,3-Tetrachlorotetrafluoropropane	2268-46-4
Trichloropentafluoropropane (CFC 215)	1599-41-3
1,1,1-Trichloropentafluoropropane	4259-43-2
1,2,3-Trichloropentafluoropropane	76-17-5
Dichlorohexafluoropropane (CFC 216)	661-97-2
Monochloroheptafluoropropane (CFC 217)	422-86-6
Bromochlorodifluoromethane (Halon 1211)	353-59-3
Bromotrifluoromethane (Halon 1301)	75-63-8
Dibromotetrafluoroethane (Halon 2402)	124-73-2
Carbon Tetrachloride (Tetrachloromethane)	56-23-5
1,1,1, - Trichloroethane (methyl chloroform) and its isomers except 1,1,2-trichloroethane	71-55-6
Bromomethane (Methyl Bromide)	74-83-9
Bromodifluoromethane and its isomers (HBFC's)	1511-62-2

### A3 - Class II

#### Hydrochlorofluorocarbons

#### CAS Numbers

Dichlorofluoromethane (HCFC 21)	75-43-4
Chlorodifluoromethane (HCFC 22)	75-45-6
Chlorofluoromethane (HCFC 31)	593-70-4
Tetrachlorofluoroethane (HCFC 121)	134237-32-4
1,1,1,2-tetrachloro-2-fluoroethane (HCFC 121a)	354-11-0

1,1,2,2-tetracloro-1-fluoroethane	354-14-3
Trichlorodifluoroethane (HCFC 122) 1,2,2-trichloro-1,1-difluoroethane	41834-16-6 354-21-2
Dichlorotrifluoroethane(HCFC 123) Dichloro-1,1,2-trifluoroethane 2,2-dichloro-1,1,1-trifluoroethane 1,2-dichloro-1,1,2-trifluoroethane (HCFC-123a) 1,1-dichloro-1,2,2-trifluoroethane (HCFC-123b) 2,2-dichloro-1,1,2-trifluoroethane (HCFC-123b)	34077-87-7 90454-18-5 306-83-2 354-23-4 812-04-4 812-04-4
Chlorotetrafluoroethane (HCFC 124) 2-chloro-1,1,1,2-tetrafluoroethane 1-chloro-1,1,2,2-tetrafluoroethane (HCFC 124a)	63938-10-3 2837-89-0 354-25-6
Trichlorofluoroethane (HCFC 131) 1-Fluoro-1,2,2-trichloroethane 1,1,1-trichloro-2-fluoroethane (HCFC131b)	27154-33-2;(134237-34-6) 359-28-4 811-95-0
Dichlorodifluoroethane (HCFC 132) 1,2-dichloro-1,1-difluoroethane (HCFC 132b) 1,1-dichloro-1,2-difluoroethane (HCFC 132c) 1,1-dichloro-2,2-difluoroethane 1,2-dichloro-1,2-difluoroethane	25915-78-0 1649-08-7 1842-05-3 471-43-2 431-06-1
Chlorotrifluoroethane (HCFC 133) 1-chloro-1,2,2-trifluoroethane 2-chloro-1,1,1-trifluoroethane (HCFC-133a)	1330-45-6 1330-45-6 75-88-7
Dichlorofluoroethane(HCFC 141) 1,1-dichloro-1-fluoroethane (HCFC-141b) 1,2-dichloro-1-fluoroethane	1717-00-6; (25167-88-8) 1717-00-6 430-57-9
Chlorodifluoroethane (HCFC 142) 1-chloro-1,1-difluoroethane (HCFC142b) 1-chloro-1,2-difluoroethane (HCFC142a)	25497-29-4 75-68-3 25497-29-4
Hexachlorofluoropropane (HCFC 221)	134237-35-7
Pentachlorodifluoropropane (HCFC 222)	134237-36-8
Tetrachlorotrifluoropropane (HCFC 223)	134237-37-9
Trichlorotetrafluoropropane (HCFC 224)	134237-38-0
Dichloropentafluoropropane, (Ethyne, fluoro-) (HCFC 225) 2,2-Dichloro-1,1,1,3,3-pentafluoropropane (HCFC 225aa) 2,3-Dichloro-1,1,1,2,3-pentafluoropropane (HCFC 225ba) 1,2-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC 225bb) 3,3-Dichloro-1,1,1,2,2-pentafluoropropane (HCFC 225ca) 1,3-Dichloro-1,1,2,2,3-pentafluoropropane (HCFC 225cb) 1,1-Dichloro-1,2,2,3,3-pentafluoropropane (HCFC 225cc) 1,2-Dichloro-1,1,3,3,3-pentafluoropropane (HCFC 225da) 1,3-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC 225ea) 1,1-Dichloro-1,2,3,3,3-pentafluoropropane (HCFC 225eb)	127564-92-5; (2713-09-9) 128903-21-9 422-48-0 422-44-6 422-56-0 507-55-1 13474-88-9 431-86-7 136013-79-1 111512-56-2
Chlorohexafluoropropane (HCFC 226)	134308-72-8

Pentachlorofluoropropane (HCFC 231)	134190-48-0
Tetrachlorodifluoropropane (HCFC 232)	134237-39-1
Trichlorotrifluoropropane (HCFC 233)	134237-40-4
1,1,1-Trichloro-3,3,3-trifluoropropane	7125-83-9
Dichlorotetrafluoropropane (HCFC 234)	127564-83-4
Chloropentafluoropropane (HCFC 235)	134237-41-5
1-Chloro-1,1,3,3,3-pentafluoropropane	460-92-4
Tetrachlorofluoropropane (HCFC 241)	134190-49-1
Trichlorodifluoropropane (HCFC 242)	134237-42-6
Dichlorotrifluoropropane (HCFC 243)	134237-43-7
1,1-dichloro-1,2,2-trifluoropropane	7125-99-7
2,3-dichloro-1,1,1-trifluoropropane	338-75-0
3,3-Dichloro-1,1,1-trifluoropropane	460-69-5
Chlorotetrafluoropropane (HCFC 244)	134190-50-4
3-chloro-1,1,2,2-tetrafluoropropane	679-85-6
Trichlorofluoropropane (HCFC 251)	134190-51-5
1,1,3-trichloro-1-fluoropropane	818-99-5
Dichlorodifluoropropane (HCFC 252)	134190-52-6
Chlorotrifluoropropane (HCFC 253)	134237-44-8
3-chloro-1,1,1-trifluoropropane (HCFC 253fb)	460-35-5
Dichlorofluoropropane (HCFC 261)	134237-45-9
1,1-dichloro-1-fluoropropane	7799-56-6
Chlorodifluoropropane (HCFC 262)	134190-53-7
2-chloro-1,3-difluoropropane	102738-79-4
Chlorofluoropropane (HCFC 271)	134190-54-8
2-chloro-2-fluoropropane	420-44-0

#### **A4 - Polychlorinated Biphenyls (PCBs) and Terphenyls (PCTs)**

#### **CAS Numbers**

Polychlorinated Biphenyls	1336-36-3
Aroclor	12767-79-2
Chlorodiphenyl (Aroclor 1260)	11096-82-5
Kanechlor 500	27323-18-8
Aroclor 1254	11097-69-1
Terphenyls	26140-60-3

#### **A5 - Polybrominated Biphenyls (PBBs) and Their Ethers/Oxides**

#### **CAS Numbers**

Bromobiphenyl and its ethers	2052-07-5 (2-Bromobiphenyl) 2113-57-7 (3-Bromobiphenyl) 92-66-0 (4-Bromobiphenyl) 101-55-3 (ether)
Decabromobiphenyl and its ethers	13654-09-6 1163-19-5 (ether)
Dibromobiphenyl and its ethers	92-86-4 2050-47-7 (ether)
Heptabromodiphenylether	68928-80-3
Hexabromobiphenyl and its ethers	59080-40-9 36355-01-8 (hexabromo-1,1'-biphenyl) 67774-32-7 (Firemaster FF-1) 36483-60-0 (ether)
Nonabromodiphenylether	63936-56-1
Octabromodiphenyl and its ethers	61288-13-9

	32536-52-0 (ether)
Pentabromodiphenyl ether	32534-81-9
Polybrominated Biphenyls	59536-65-1
Tetrabromobiphenyl and its ethers	40088-45-7 40088-47-9 (ether)
Tribromodiphenyl ether	49690-94-0

### **A6 - Ethylene Glycol Ethers**

### **CAS Numbers**

2-ethoxyethanol	110-80-5
2-ethoxyethyl acetate	111-15-9
2-Methoxyethanol	109-86-4
2-Methoxyethyl acetate	110-49-6
Diethylene glycol dimethyl ether	111-96-6

### **B1 - Cadmium and its Materials**

### **CAS Numbers**

<b>Cadmium</b>	<b>7440-43-9</b>
<i>Examples of Common Cadmium Materials</i>	
Cadmium oxide	1306-19-0
Cadmium sulfide	1306-23-6

### **B2 - Chromium VI and its Materials**

### **CAS Numbers**

<b>Chromium</b>	<b>7440-47-3</b>
<i>Examples of Common Chromium Materials</i>	
Barium chromate	10294-40-3
Calcium chromate	13765-19-0
Chromic acetate	1066-30-4
Chromium trioxide	1333-82-0
Lead chromate	7758-97-6
Sodium chromate	7775-11-3
Sodium dichromate	10588-01-9
Strontium chromate	7789-06-2
Zinc chromate	13530-65-9

### **B 3 - Lead and its Materials**

### **CAS Numbers**

<b>Lead and Materials</b>	<b>7439-92-1</b>
<b>Examples of Common Lead Materials</b>	
Lead sulfate	7446-14-2
Lead carbonate	598-63-0
Lead hydrocarbonate	1319-46-6
Lead acetate	301-04-2
Lead (II) acetate, trihydrate	6080-56-4
Lead phosphate	7446-27-7
Lead selenide	12069-00-0

### **B4 - Mercury and its Materials**

### **CAS Numbers**

<b>Mercury</b>	<b>7439-97-6</b>
<b>Examples of Common Chromium Materials</b>	
Mercuric chloride	33631-63-9
Mercury bichloride	7487-94-7
Mercuric sulfate	7783-35-9
Mercuric nitrate	10045-94-0

Mercuric oxide	21908-53-2
Mercuric sulfide	1344-48-5

## C – MATERIALS OF INTEREST

### C1 – METALS / METAL MATERIALS

#### C1a - Antimony and its Materials CAS Numbers

<b>Antimony</b>	<b>7440-36-0</b>
<b>Examples of Common Antimony Materials</b>	
Antimony trioxide	1309-64-4
Antimony pentoxide	1314-60-9

#### C1b - Arsenic and its Materials CAS Numbers

<b>Arsenic</b>	<b>7440-38-2</b>
<b>Examples of Common Arsenic Materials</b>	
Gallium arsenide	1303-00-0
Calcium arsenate	7778-44-1
Calcium arsenite	27152-57-4
Arsenic pentoxide	1303-28-2
Arsenic trioxide	1327-53-3
Potassium arsenite	10124-50-2
Potassium arsenate	7784-41-0
Lead arsenate	3687-31-8

#### C1c - Beryllium and its Materials CAS Numbers

<b>Beryllium</b>	<b>7440-41-7</b>
<b>Examples of Common Beryllium Materials</b>	
Beryllium-aluminum alloy	12770-50-2
Beryllium chloride	7787-47-5
Beryllium fluoride	7787-49-7
Beryllium hydroxide	13327-32-7
Beryllium oxide	1304-56-9
Beryllium phosphate	13598-15-7
Beryllium sulfate	13510-49-1
Beryllium sulfate tetrahydrate	7787-56-6
Beryl ore	1302-52-9

#### C1d - Cadmium and its Materials CAS Numbers

<b>Cadmium</b>	<b>7440-43-9</b>
<i>Examples of Common Cadmium Materials</i>	
Cadmium carbonate (Carbonic acid)	513-78-0
Cadmium chloride	10108-64-2
Cadmium fluoroborate	14486-19-2
Cadmium nitrate (Cadmium salt)	10325-94-7
Cadmium oxide	1306-19-0
Cadmium sulfate (Sulfuric acid)	10124-36-4
Cadmium sulfide	1306-23-6

**C1e - Chromium VI and its Materials** **CAS Numbers**

<b>Chromium</b>	<b>7440-47-3</b>
<i>Examples of Common Chromium Materials</i>	
Barium chromate	10294-40-3
Calcium chromate	13765-19-0
Chromic acetate	1066-30-4
Chromium trioxide	1333-82-0
Lead chromate	7758-97-6
Sodium chromate	7775-11-3
Sodium dichromate	10588-01-9
Strontium chromate	7789-06-2
Zinc chromate	13530-65-9

**C1 f - Lead and its Materials** **CAS Numbers**

<b>Lead and Materials</b>	<b>7439-92-1</b>
<b>Examples of Common Lead Materials</b>	
Lead sulfate	7446-14-2
Lead carbonate	598-63-0
Lead hydrocarbonate	1319-46-6
Lead acetate	301-04-2
Lead (II) acetate, trihydrate	6080-56-4
Lead phosphate	7446-27-7
Lead selenide	12069-00-0

**C1g - Selenium and its Materials** **CAS Numbers**

<b>Selenium and materials</b>	<b>7782-49-2</b>
<b>Examples of Common Selenium Materials</b>	
Hydrogen selenide	7783-07-5
Sodium selenide	1313-85-5
Selenium dioxide	7446-08-4
Sodium selenate	10112-94-4
Dimethyl selenide	593-79-3
Selenium oxide	12640-89-0

**C2 – ORGANICS****C2a - Phthalates** **CAS Numbers**

Diisononyl Phthalate (DINP)	28553-12-0
Di-sec-octyl phthalate (DEHP)	117-81-7
Dibutyl phthalate (DBP)	84-74-2
Diisodecyl phthalate	26761-40-0
Bis(n-octyl) Phthalate (DNOP)	117-84-0
Butyl benzyl phthalate (BBP)	85-68-7

**C2b - Azo-Based Materials****CAS Numbers**

Benzidene and its salts	92-87-5
4-Aminodiphenyl and its salts	92-67-1
4-Chloro-o-toluidine (4-chloro-2-methylaniline)	95-69-2
2-Naphthylamine	91-59-8
o-Aminoazotoluene	97-56-3
2-Amino-4-nitrotoluene	99-55-8
p-Chloroaniline	106-47-8
2,4-Diaminoanisole	615-05-4
4,4'-Diaminodiphenylmethane	101-77-9
3,3'-Dichlorobenzidine	91-94-1
3,3'-Dimethoxybenzidine	119-90-4
3,3','-Dimethylbenzidine	119-93-7
3,3'-Dimethyl-4,4' diaminodiphenylmethane	838-88-0
p-Cresidine (5-Methyl-o-Anisidine)	120-71-8
4,4'Methylenebis-(2-chloroaniline)	101-14-4
4,4'-Oxydianiline	101-80-4
4,4'-Thiodianilene (4,4'-thiobisbenzenamine)	139-65-1
o-Toluidine	95-53-4
2,4-Toluylenediamine (Toluene-2,4-Diamine)	95-80-7
2,4,5-Trimethylaniline	137-17-7