Appendix B

Toxics Release Inventory, Quantities of Releases Summarized by Report Type

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Table B-1
Summary of TRI Release Reports for Saint-Gobain Containers
RM 1.4-1.7 East

Chemical	Year	Fugitive Air	Stack Air	Total Air Emissions	Surface Water Discharge	Underground Injection	Land Disposal	Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases	Total On- and Off-site Disposal or Other Releases
Chromium Compounds	1988	250	0	250	0	0	0	250	250	500
Chromium Compounds	1989	250	0	250	0	0	0	250	250	500
Chromium Compounds	1990	5	0	5	0	0	0	5	250	255
Chromium Compounds	1991	0	0	0	.	0	0	0	250	250
Chromium Compounds	1992	0	0	0	.	0	0	0	17138	17138
Chromium Compounds	1993	5	0	5	.	0	0	5	130522	130527
Chromium Compounds	1994	0	0	0	.	0	0	0	20866	20866
Chromium Compounds	1995	5	0	5	.	0	0	5	500	505
Chromium Compounds	1996	5	0	5	.	0	0	5	54586	54591
Chromium Compounds	1997	5	0	5	.	0	0	5	250	255
Ethylene Glycol	1997	0	0	0	.	0	0	0	1850	1850
Chromium Compounds	1998	5	0	5	.	0	0	5	0	5
Chromium Compounds	1999	5	0	5	.	0	0	5	.	5
Chromium Compounds	2000	.	.	.	.	.	.	.	.	0
Chromium Compounds	2001	.	.	.	.	.	.	.	.	0
Lead Compounds	2001	0	409	409	.	0	0	409	9	418
Chromium Compounds	2002	.	.	.	.	.	.	.	.	0
Lead Compounds	2002	0	432	432	.	0	0	432	13	445
Chromium Compounds	2003	.	.	.	.	.	.	.	.	0
Lead Compounds	2003	0	485	485	.	0	0	485	10	495
Chromium Compounds	2004	.	.	.	.	.	.	.	.	0
Lead Compounds	2004	0	445	445	.	0	0	445	3	448
Chromium Compounds	2005	.	.	.	.	.	.	.	.	0
Lead Compounds	2005	0	375	375	.	0	0	375	2	377

Key:

Fugitive Air: fugitive air emissions are all releases to air that are not released through a confined air stream. Fugitive emissions include equipment leaks, evaporative losses from surface impoundments and spills, and releases from building ventilation systems.

Stack Air: stack or point source air emissions occur through confined air streams suck as stack, vents, ducts, or pipes.

Total Air Emissions: includes both fugitive air emissions and point source air emissions.

Surface Water Discharge: releases to water include discharges to streams, rivers, lakes, oceans, and other bodies of water. This includes releases from confined sources, such as industrial process outflow pipes or open trenches. Releases due to runoff, including stormwater runoff are also reportable to TRI under this category.

Underground Injection: underground injection is the subsurface emplacement of fluids through wells. TRI chemicals associated with manufacturing, the petroleum industry, mining, commercial and service industries, and Federal and municipal government related activities may be injected into class I, II, III, IV, or V wells, if they do not endanger underground sources of drinking water (USDW), public health or the environment.

Land Disposal: the disposal of the toxic chemical to land at the facility that does not fall into one of the other on-site land release categories found in Sections 5.5.1 through 5.5.3 on the TRI Form R. Other disposal includes such activities as placement in waste piles and spills or leaks.

Total On-Site Disposal or Other Releases: include emissions to the air, discharges to bodies of water, disposal at the facility to land, and disposal in underground injection wells. Disposal or other releases are reported to TRI by media type.

Total Off-site Disposal or Other Releases: a discharge of a toxic chemical to the environment that occurs as a result of a facility's transferring a waste containing a TRI chemical off-site disposal or other release.

Total On- and Off-Site Disposal and Other Releases: the sum of total on-site disposal or other release and total off-site disposal or other releases.

"." means the facility left that particular cell blank in its TRI Form R submission.

"0" means either that the facility reported "0" or "NA" in its TRI Form R submission.

Notes:

All measurements are in pounds.

Source:

EPA's Toxics Release Inventory Database. http//www.epa.gov/triexplorer.

Table B-2
Summary of TRI Waste Transfer Reports for Saint-Gobain Containers
RM 1.4-1.7 East

Chemical	Year	Transfers to Recycling	Transferred to Energy Recovery	Transfers to Treatment	Transfers to POTWs Non Metals	Transfers Off-site for Disposal or Other Releases	Total Transfers Off-site for Further Waste Management
Chromium Compounds	1988	0	0	0	0	0	250
Chromium Compounds	1989	0	0	0	0	0	250
Chromium Compounds	1990	0	0	0	0	0	250
Chromium Compounds	1991	0	0	0	0	0	250
Chromium Compounds	1992	0	0	0	0	0	17138
Chromium Compounds	1993	0	0	0	0	0	130522
Chromium Compounds	1994	0	0	0	0	0	20866
Chromium Compounds	1995	0	0	0	0	0	500
Chromium Compounds	1996	0	0	0	0	0	54586
Chromium Compounds	1997	0	0	0	0	0	250
Ethylene Glycol	1997	0	0	0	0	0	1850
Chromium Compounds	1998	0	0	0	0	0	0
Chromium Compounds	1999	0	0	0	0	0	0
Chromium Compounds	2000	.	.	.	.	.	.
Chromium Compounds	2001	.	.	.	.	.	.
Lead Compounds	2001	0	0	0	0	0	9
Chromium Compounds	2002	.	.	.	.	.	.
Lead Compounds	2002	0	0	0	0	0	13
Chromium Compounds	2003	.	.	.	.	.	.
Lead Compounds	2003	0	0	0	0	0	10
Chromium Compounds	2004	.	.	.	.	.	.
Lead Compounds	2004	0	0	0	0	0	3
Chromium Compounds	2005	.	.	.	.	.	.
Lead Compounds	2005	0	0	0	0	0	2

Key:

Transfers to Recycling: the total among of toxic chemical in the waste stream transferred from the facility to an off-site location during the calendar year (January 1 - December 31) for recycling to manage the toxic chemical. This refers to the ultimate disposition of the toxic chemical, not the intermediate activities used for the waste stream.

Transferred to Energy Recovery: the total amount of the toxic chemical in the waste stream transferred from the facility to an off-site location during the calendar year for energy recovery to manage the toxic chemical.

Transfers to treatment: the total amount of toxic chemical in the waste stream transferred from the facility to an off-site location during the calendar year for treatment to manage the toxic chemical.

Transfers to POWs Non Metals: the total amount of the toxic chemical in the waste stream transferred from the facility to all POTWs during the calendar year.

Transfers Off-Site for Disposal or Other Releases: sum of transfers to underground injection, RCRA Subtitle C landfills, other landfills, storage, solidification/stabilization of metals and metal category compounds, RCRA Subtitle C surface impoundments, other surface impoundments, land treatment, other land disposal, other off-site waste management, waste broker for disposal, and unknown.

Total Transfers Off-Site of Further Waste Management: the sum of transfers to recycling, transfers to energy recovery, transfers to treatment, transfers to POTWs and other off-site transfers, including transfers to disposal or other releases.

POTW = Publicly Owned Treatment Works

"." means the facility left that particular cell blank in its TRI Form R submission.

"0" means either that the facility reported "0" or "NA" in its TRI Form R submission.

Notes:

All measurements are in pounds.

Source:

EPA's Toxics Release Inventory Database. http//www.epa.gov/triexplorer.

Table B-3
Summary of TRI Waste Quantity Reports for Saint-Gobain Containers
RM 1.4-1.7 East

Chemical	Year	Recycled On-site	Recycled Off-site	Energy Recovery On-site	Energy Recovery Off-site	Treated On-site	Treated Off-site	Total Quantity Disposed or Otherwise Released On- and Off-site	Total Production-related Waste Managed	Non-production-related Waste Managed
Chromium Compounds	1988	.	.	.	.	.	.	.	.	.
Chromium Compounds	1989	.	.	.	.	.	.	.	.	.
Chromium Compounds	1990	.	.	.	.	.	.	.	.	.
Chromium Compounds	1991	0	0	0	0	0	0	67	67	0
Chromium Compounds	1992	0	0	0	0	0	0	17000	17000	0
Chromium Compounds	1993	0	0	0	0	0	0	132328	132328	0
Chromium Compounds	1994	0	0	0	0	0	0	20645	20645	0
Chromium Compounds	1995	0	0	0	0	0	0	444	444	0
Chromium Compounds	1996	0	0	0	0	0	0	54400	54400	0
Chromium Compounds	1997	0	0	0	0	0	0	418	418	0
Ethylene Glycol	1997	0	1850	0	0	0	0	0	1850	0
Chromium Compounds	1998	0	0	0	0	0	0	1	1	0
Chromium Compounds	1999	0	0	0	0	0	0	1	1	0
Chromium Compounds	2000	.	.	.	.	.	.	.	.	.
Chromium Compounds	2001	.	.	.	.	.	.	.	.	.
Lead Compounds	2001	0	0	0	0	0	0	418	418	0
Chromium Compounds	2002	.	.	.	.	.	.	.	.	.
Lead Compounds	2002	0	0	0	0	0	0	445	445	0
Chromium Compounds	2003	.	.	.	.	.	.	.	.	.
Lead Compounds	2003	0	0	0	0	0	0	495	495	0
Chromium Compounds	2004	.	.	.	.	.	.	.	.	.
Lead Compounds	2004	0	0	0	0	0	0	448	448	0
Chromium Compounds	2005	.	.	.	.	.	.	.	.	.
Lead Compounds	2005	0	0	0	0	0	0	377	377	0

Key:

Recycled On-site: the amount of the toxic chemical recycled on-site during the calendar year for which the report was submitted.

Recycled Off-site: the total amount of the toxic chemical sent off-site for recycling during the calendar year for which the report was submitted.

Energy Recovery On-site: the total amount of the toxic chemical in waste burned for energy recovery on-site during the calendar year for which the report was submitted.

Energy Recovery Off-site: the total amount of the toxic chemical in waste sent off-site to be burned for energy recovery during the calendar year for which the report was submitted.

Treated On-site: the total amount of the toxic chemical treated on-site during the calendar year for which the report was submitted.

Treated Off-site: the total amount of the toxic chemical sent for treatment off-site during the calendar year for which the report was submitted.

Total Quantity Disposed or otherwise released On- and Off-site: the total amount of the toxic chemical disposed of or release due to production related events by the facility to all environmental media both on and off site during the calendar year for which the report was submitted.

Total Production-related Waste Managed: the sum of recycled on-site, recycled off-site, energy recovery on-site, energy recovery off-site, treated on-site, treated off-site, and quantities disposed of or otherwise released on- and off-site.

Non-production related Waste Managed: the total amount of the toxic chemical released directly to the environment or sent off-site for recycling, energy recovery, treatment, or disposal during the reporting year due to remedial actions, catastrophic events, such as earthquakes or floods, and one-time events not associated with normal or routine production processes.

"." means the facility left that particular cell blank in its TRI Form R submission.

"0" means either that the facility reported "0" or "NA" in its TRI Form R submission.

Notes:

All measurements are in pounds.

Source:

EPA's Toxics Release Inventory Database. http//www.epa.gov/triexplorer.

Table B-4
Summary of TRI Release Reports for Philip Services Corporation
RM 1.4-1.7 East

Chemical	Year	Fugitive Air	Stack Air	Total Air Emissions	Surface Water Discharge	Underground Injection	Land Disposal	Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases	Total On- and Off-site Disposal or Other Releases
1,2-Dichloroethane	1998	0	0	0	.	0	0	0	8879	8879
Asbestos (friable)	1998	0	0	0	.	0	0	0	14668	14668
Benzene	1998	0	0	0	.	0	0	0	17760	17760
Butyl Arcrylate	1998	0	0	0	.	0	0	0	8880	8880
Carbon Tetrachloride	1998	0	0	0	.	0	0	0	6190	6190
Cyanide Compounds	1998	0	0	0	.	0	0	0	0	0
Dichloromethane	1998	0	0	0	.	0	0	0	17760	17760
Ethylene Glycol	1998	0	0	0	.	0	0	0	459	459
Isopropyl Alcohol (Manufacturing, Strong-Acid Process Only, No Supplier)	1998	0	0	0	.	0	0	0	19195	19195
Lead Compounds	1998	0	0	0	.	0	0	0	910	910
Methyl Ethyl Ketone	1998	0	0	0	.	0	0	0	35518	35518
Methyl Isobutyl Ketone	1998	0	0	0	.	0	0	0	8879	8879
N-Butyl Alcohol	1998	0	0	0	.	0	0	0	6288	6288
N-Methyl-2-Pyrrolidone	1998	0	0	0	.	0	0	0	0	0
Naphthalene	1998	0	0	0	.	0	0	0	44397	44397
Toluene	1998	0	0	0	.	0	0	0	62456	62456
Trichloroethylene	1998	0	0	0	.	0	0	0	7992	7992
Xylene (Mixed Isomers)	1998	0	0	0	.	0	0	0	16079	16079
Zinc Compounds	1998	0	0	0	.	0	0	0	4489	4489
Ethylene Glycol	1999	0	0	0	.	0	0	0	168	168
Nitrate Compounds	1999	0	0	0	.	0	0	0	0	0
Ethylene Glycol	2000	0	0	0	.	0	0	0	3224	3224
Lead Compounds	2000	0	0	0	.	0	0	0	599	599
Mercury Compounds	2000	0	0	0	.	0	0	0	1432.3	1432.3
Nitrate Compounds	2000	0	0	0	.	0	0	0	0	0
Ethylene Glycol	2001	0	0	0	.	0	0	0	255	255
Lead Compounds	2001	0	0	0	.	0	0	0	35376.2	35376.2
Mercury Compounds	2001	0	0	0	.	0	0	0	68.07	68.07
Nitrate Compounds	2001	0	0	0	.	0	0	0	45679	45679
Ethylene Glycol	2002	5	0	5	.	0	0	5	0	5
Nitrate Compounds	2002	0	0	0	.	0	0	0	5334	5334

Key:

Fugitive Air: fugitive air emissions are all releases to air that are not released through a confined air stream. Fugitive emissions include equipment leaks, evaporative losses from surface impoundments and spills, and releases from building ventilation systems.

Stack Air: stack or point source air emissions occur through confined air streams suck as stack, vents, ducts, or pipes.

Total Air Emissions: includes both fugitive air emissions and point source air emissions.

Surface Water Discharge: releases to water include discharges to streams, rivers, lakes, oceans, and other bodies of water. This includes releases from confined sources, such as industrial process outflow pipes or open trenches. Releases due to runoff, including stormwater runoff are also reportable to TRI under this category.

Underground Injection: underground injection is the subsurface emplacement of fluids through wells. TRI chemicals associated with manufacturing, the petroleum industry, mining, commercial and service industries, and Federal and municipal government related activities may be injected into class I, II, III, IV, or V wells, if they do not endanger underground sources of drinking water (USDW), public health or the environment.

Land Disposal: the disposal of the toxic chemical to land at the facility that does not fall into one of the other on-site land release categories found in Sections 5.5.1 through 5.5.3 on the TRI Form R. Other disposal includes such activities as placement in waste piles and spills or leaks.

Total On-Site Disposal or Other Releases: include emissions to the air, discharges to bodies of water, disposal at the facility to land, and disposal in underground injection wells. Disposal or other releases are reported to TRI by media type.

Total Off-site Disposal or Other Releases: a discharge of a toxic chemical to the environment that occurs as a result of a facility's transferring a waste containing a TRI chemical off-site disposal or other release.

Total On- and Off-Site Disposal and Other Releases: the sum of total on-site disposal or other release and total off-site disposal or other releases.

"." means the facility left that particular cell blank in its TRI Form R submission.

"0" means either that the facility reported "0" or "NA" in its TRI Form R submission.

Notes:

All measurements are in pounds.

Source:

EPA's Toxics Release Inventory Database. http//www.epa.gov/triexplorer.

Table B-5
Summary of TRI Waste Transfer Reports for Philip Services Corporation
RM 1.4-1.7 East

Chemical	Year	Transfers to Recycling	Transferred to Energy Recovery	Transfers to Treatment	Transfers to POTWs Non Metals	Transfers Off-site for Disposal or Other Releases	Total Transfers Off-site for Further Waste Management
1,2-Dichloroethane	1998	0	32108	0	.	0	40987
Asbestos (friable)	1998	0	0	0	.	0	14668
Benzene	1998	0	64215	37	.	0	82012
Butyl Arcrylate	1998	0	32108	0	.	0	40988
Carbon Tetrachloride	1998	15105	12842	0	.	0	34137
Cyanide Compounds	1998	0	0	17545	.	0	17545
Dichloromethane	1998	6392	64115	0	.	0	88267
Ethylene Glycol	1998	728219	0	0	.	0	728678
Isopropyl Alcohol (Manufacturing, Strong-Acid Process Only, No Supplier)	1998	0	64215	901	.	0	84311
Lead Compounds	1998	15841	344	0	0	0	17095
Methyl Ethyl Ketone	1998	0	128429	0	.	0	163947
Methyl Isobutyl Ketone	1998	0	32108	0	.	0	40987
N-Butyl Alcohol	1998	0	68686	0	.	0	74974
N-Methyl-2-Pyrrolidone	1998	22843	0	0	.	0	22843
Naphthalene	1998	0	160536	0	.	0	204933
Toluene	1998	0	225894	1	.	0	288351
Trichloroethylene	1998	0	23903	0	.	0	31895
Xylene (Mixed Isomers)	1998	0	173379	0	.	0	189458
Zinc Compounds	1998	0	16052	0	0	0	20541
Ethylene Glycol	1999	276153	52	39197	.	0	315570
Nitrate Compounds	1999	0	0	21127	.	0	21127
Ethylene Glycol	2000	166205	0	100	5	.	169534
Lead Compounds	2000	25911	0	0	0	.	26510
Mercury Compounds	2000	8125.6	0	0	0	.	9557.9
Nitrate Compounds	2000	0	0	2129	5	.	2134
Ethylene Glycol	2001	169416	10	1030	0	0	170711
Lead Compounds	2001	389150.8	0	0	0	.	424527
Mercury Compounds	2001	1565.8002	0	0	0	0	1633.8702
Nitrate Compounds	2001	0	0	0	0	0	45679
Ethylene Glycol	2002	145820	0	0	0	0	145820
Nitrate Compounds	2002	0	0	0	0	0	5334

Key:

Transfers to Recycling: the total among of toxic chemical in the waste stream transferred from the facility to an off-site location during the calendar year (January 1 - December 31) for recycling to manage the toxic chemical. This refers to the ultimate disposition of the toxic chemical, not the intermediate activities used for the waste stream.

Transferred to Energy Recovery: the total amount of the toxic chemical in the waste stream transferred from the facility to an off-site location during the calendar year for energy recovery to manage the toxic chemical.

Transfers to treatment: the total amount of toxic chemical in the waste stream transferred from the facility to an off-site location during the calendar year for treatment to manage the toxic chemical.

Transfers to POWs Non Metals: the total amount of the toxic chemical in the waste stream transferred from the facility to all POTWs during the calendar year.

Transfers Off-Site for Disposal or Other Releases: sum of transfers to underground injection, RCRA Subtitle C landfills, other landfills, storage, solidification/stabilization of metals and metal category compounds, RCRA Subtitle C surface impoundments, other surface impoundments, land treatment, other land disposal, other off-site waste management, waste broker for disposal, and unknown.

Total Transfers Off-Site of Further Waste Management: the sum of transfers to recycling, transfers to energy recovery, transfers to treatment, transfers to POTWs and other off-site transfers, including transfers to disposal or other releases.

POTW = Publicly Owned Treatment Works

"." means the facility left that particular cell blank in its TRI Form R submission.

"0" means either that the facility reported "0" or "NA" in its TRI Form R submission.

Notes:

All measurements are in pounds.

Source:

EPA's Toxics Release Inventory Database. http//www.epa.gov/triexplorer.

Table B-6
Summary of TRI Waste Quantity Reports for Philip Services Corporation
RM 1.4-1.7 East

Chemical	Year	Recycled On-site	Recycled Off-site	Energy Recovery On-site	Energy Recovery Off-site	Treated On-site	Treated Off-site	Total Quantity Disposed or Otherwise Released On- and Off-site	Total Production-related Waste Managed	Non-production-related Waste Managed
1,2-Dichloroethane	1998	0	0	0	0	0	0	10	10	0
Asbestos (friable)	1998	0	0	0	0	0	0	1	1	0
Benzene	1998	0	0	0	0	0	0	10	10	0
Butyl Arcrylate	1998	0	0	0	0	0	0	10	10	0
Carbon Tetrachloride	1998	0	0	0	0	0	0	10	10	0
Cyanide Compounds	1998	0	0	0	0	0	0	1	1	0
Dichloromethane	1998	0	0	0	0	0	0	10	10	0
Ethylene Glycol	1998	0	0	0	0	0	0	10	10	0
Isopropyl Alcohol (Manufacturing, Strong-Acid Process Only, No Supplier)	1998	0	0	0	0	0	0	10	10	0
Lead Compounds	1998	0	0	0	0	0	0	10	10	0
Methyl Ethyl Ketone	1998	0	0	0	0	0	0	10	10	0
Methyl Isobutyl Ketone	1998	0	0	0	0	0	0	10	10	0
N-Butyl Alcohol	1998	0	0	0	0	0	0	5	5	0
N-Methyl-2-Pyrrolidone	1998	0	0	0	0	0	0	10	10	0
Naphthalene	1998	0	0	0	0	0	0	10	10	0
Toluene	1998	0	0	0	0	0	0	10	10	0
Trichloroethylene	1998	0	0	0	0	0	0	10	10	0
Xylene (Mixed Isomers)	1998	0	0	0	0	0	0	10	10	0
Zinc Compounds	1998	0	0	0	0	0	0	1	1	0
Ethylene Glycol	1999	0	276153	0	115	0	45238	0	321506	0
Nitrate Compounds	1999	0	0	0	0	37684	20311	0	57995	0
Ethylene Glycol	2000	0	166205	0	100	0	3224	1	169530	0
Lead Compounds	2000	0	25911	0	0	0	0	616	26527	0
Mercury Compounds	2000	0	9506.4	0	0	0	0	47.7	9554.1	0
Nitrate Compounds	2000	0	0	0	0	19739	0	2130	21869	0
Ethylene Glycol	2001	0	169415	0	4	0	152	35	169606	0
Lead Compounds	2001	0	389150.8	0	0	0	0	35397.03	424547.83	0
Mercury Compounds	2001	0	1566.1	0	0	0	0	67.4	1633.5	0
Nitrate Compounds	2001	0	0	0	0	0	0	45627	45627	0
Ethylene Glycol	2002	0	145820	0	0	0	0	1	145821	0
Nitrate Compounds	2002	0	0	0	0	0	0	5334	5334	0

Key:

Recycled On-site: the amount of the toxic chemical recycled on-site during the calendar year for which the report was submitted.

Recycled Off-site: the total amount of the toxic chemical sent off-site for recycling during the calendar year for which the report was submitted.

Energy Recovery On-site: the total amount of the toxic chemical in waste burned for energy recovery on-site during the calendar year for which the report was submitted.

Energy Recovery Off-site: the total amount of the toxic chemical in waste sent off-site to be burned for energy recovery during the calendar year for which the report was submitted.

Treated On-site: the total amount of the toxic chemical treated on-site during the calendar year for which the report was submitted.

Treated Off-site: the total amount of the toxic chemical sent for treatment off-site during the calendar year for which the report was submitted.

Total Quantity Disposed or otherwise released On- and Off-site: the total amount of the toxic chemical disposed of or release due to production related events by the facility to all environmental media both on and off site during the calendar year for which the report was submitted.

Total Production-related Waste Managed: the sum of recycled on-site, recycled off-site, energy recovery on-site, energy recovery off-site, treated on-site, treated off-site, and quantities disposed of or otherwise released on- and off-site.

Non-production related Waste Managed: the total amount of the toxic chemical released directly to the environment or sent off-site for recycling, energy recovery, treatment, or disposal during the reporting year due to remedial actions, catastrophic events, such as earthquakes or floods, and one-time events not associated with normal or routine production processes.

"." means the facility left that particular cell blank in its TRI Form R submission.

"0" means either that the facility reported "0" or "NA" in its TRI Form R submission.

Notes:

All measurements are in pounds.

Source:

EPA's Toxics Release Inventory Database. http//www.epa.gov/triexplorer.

Table B-7
Summary of TRI Release Reports for Saint-Gobain Containers
RM 1.4-1.7 East

Chemical	Year	Fugitive Air	Stack Air	Total Air Emissions	Surface Water Discharge	Underground Injection	Land Disposal	Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases	Total On- and Off-site Disposal or Other Releases
TRICHLOROETHYLENE	1988	45000	0	45000	0	0	0	45000	.	45000
TRICHLOROETHYLENE	1989	0	35860	35860	0	0	0	35860	.	35860
TRICHLOROETHYLENE	1990	0	39329	39329	0	0	0	39329	0	39329
TRICHLOROETHYLENE	1991	36234	0	36234	.	0	0	36234	.	36234
TRICHLOROETHYLENE	1992	32447	0	32447	.	0	0	32447	.	32447
TRICHLOROETHYLENE	1993	36278	0	36278	.	0	0	36278	.	36278
TRICHLOROETHYLENE	1994	19640	0	19640	.	0	0	19640	.	19640
TRICHLOROETHYLENE	1995	20320	0	20320	.	0	0	20320	.	20320
TRICHLOROETHYLENE	1996	15910	0	15910	.	0	0	15910	0	15910
TRICHLOROETHYLENE	1997	14380	0	14380	.	0	0	14380	0	14380
TRICHLOROETHYLENE	1998	15500	0	15500	.	0	0	15500	0	15500
TRICHLOROETHYLENE	1999	12300	0	12300	.	0	0	12300	0	12300
TRICHLOROETHYLENE	2000	17820	0	17820	.	0	0	17820	0	17820
TRICHLOROETHYLENE	2001	15200	0	15200	.	0	0	15200	0	15200
TRICHLOROETHYLENE	2002	15665	0	15665	.	0	0	15665	0	15665
TRICHLOROETHYLENE	2003	14388	0	14388	.	0	0	14388	0	14388
TRICHLOROETHYLENE	2004	11220	0	11220	.	0	0	11220	0	11220
NICKEL COMPOUNDS	2005	0	0	0	.	0	0	0	755	755

Key:

Fugitive Air: fugitive air emissions are all releases to air that are not released through a confined air stream. Fugitive emissions include equipment leaks, evaporative losses from surface impoundments and spills, and releases from building ventilation systems.

Stack Air: stack or point source air emissions occur through confined air streams suck as stack, vents, ducts, or pipes.

Total Air Emissions: includes both fugitive air emissions and point source air emissions.

Surface Water Discharge: releases to water include discharges to streams, rivers, lakes, oceans, and other bodies of water. This includes releases from confined sources, such as industrial process outflow pipes or open trenches. Releases due to runoff, including stormwater runoff are also reportable to TRI under this category.

Underground Injection: underground injection is the subsurface emplacement of fluids through wells. TRI chemicals associated with manufacturing, the petroleum industry, mining, commercial and service industries, and Federal and municipal government related activities may be injected into class I, II, III, IV, or V wells, if they do not endanger underground sources of drinking water (USDW), public health or the environment.

Land Disposal: the disposal of the toxic chemical to land at the facility that does not fall into one of the other on-site land release categories found in Sections 5.5.1 through 5.5.3 on the TRI Form R. Other disposal includes such activities as placement in waste piles and spills or leaks.

Total On-Site Disposal or Other Releases: include emissions to the air, discharges to bodies of water, disposal at the facility to land, and disposal in underground injection wells. Disposal or other releases are reported to TRI by media type.

Total Off-site Disposal or Other Releases: a discharge of a toxic chemical to the environment that occurs as a result of a facility's transferring a waste containing a TRI chemical off-site disposal or other release.

Total On- and Off-Site Disposal and Other Releases: the sum of total on-site disposal or other release and total off-site disposal or other releases.

"." means the facility left that particular cell blank in its TRI Form R submission.

"0" means either that the facility reported "0" or "NA" in its TRI Form R submission.

Notes:

All measurements are in pounds.

Source:

EPA's Toxics Release Inventory Database. http//www.epa.gov/triexplorer.

Table B-8
Summary of TRI Waste Transfer Reports for Saint-Gobain Containers
RM 1.4-1.7 East

Chemical	Year	Transfers to Recycling	Transferred to Energy Recovery	Transfers to Treatment	Transfers to POTWs Non Metals	Transfers Off-site for Disposal or Other Releases	Total Transfers Off-site for Further Waste Management
TRICHLOROETHYLENE	1988	.	.	.	1	.	1
TRICHLOROETHYLENE	1989	.	.	.	250	.	250
TRICHLOROETHYLENE	1990	0	0	0	0	0	0
TRICHLOROETHYLENE	1991	1220	.	.	5	.	1225
TRICHLOROETHYLENE	1992	1293	.	.	5	.	1298
TRICHLOROETHYLENE	1993	1342	.	.	5	.	1347
TRICHLOROETHYLENE	1994	2020	.	.	5	.	2025
TRICHLOROETHYLENE	1995	1460	.	.	5	.	1465
TRICHLOROETHYLENE	1996	750	0	0	.	0	750
TRICHLOROETHYLENE	1997	750	0	0	.	0	750
TRICHLOROETHYLENE	1998	750	0	0	.	0	750
TRICHLOROETHYLENE	1999	750	0	0	.	0	750
TRICHLOROETHYLENE	2000	750	0	0	.	0	750
TRICHLOROETHYLENE	2001	750	0	0	.	0	750
TRICHLOROETHYLENE	2002	750	0	0	.	0	750
TRICHLOROETHYLENE	2003	750	0	0	.	0	750
TRICHLOROETHYLENE	2004	750	0	0	.	0	750
NICKEL COMPOUNDS	2005	0	0	0	0	.	755

Key:

Transfers to Recycling: the total among of toxic chemical in the waste stream transferred from the facility to an off-site location during the calendar year (January 1 - December 31) for recycling to manage the toxic chemical. This refers to the ultimate disposition of the toxic chemical, not the intermediate activities used for the waste stream.

Transferred to Energy Recovery: the total amount of the toxic chemical in the waste stream transferred from the facility to an off-site location during the calendar year for energy recovery to manage the toxic chemical.

Transfers to treatment: the total amount of toxic chemical in the waste stream transferred from the facility to an off-site location during the calendar year for treatment to manage the toxic chemical.

Transfers to POWs Non Metals: the total amount of the toxic chemical in the waste stream transferred from the facility to all POTWs during the calendar year.

Transfers Off-Site for Disposal or Other Releases: sum of transfers to underground injection, RCRA Subtitle C landfills, other landfills, storage, solidification/stabilization of metals and metal category compounds, RCRA Subtitle C surface impoundments, other surface impoundments, land treatment, other land disposal, other off-site waste management, waste broker for disposal, and unknown.

Total Transfers Off-Site of Further Waste Management: the sum of transfers to recycling, transfers to energy recovery, transfers to treatment, transfers to POTWs and other off-site transfers, including transfers to disposal or other releases.

POTW = Publicly Owned Treatment Works

"." means the facility left that particular cell blank in its TRI Form R submission.

"0" means either that the facility reported "0" or "NA" in its TRI Form R submission.

Notes:

All measurements are in pounds.

Source:

EPA's Toxics Release Inventory Database. http//www.epa.gov/triexplorer.

Table B-9
Summary of TRI Waste Quantity Reports for Saint-Gobain Containers
RM 1.4-1.7 East

Chemical	Year	Recycled On-site	Recycled Off-site	Energy Recovery On-site	Energy Recovery Off-site	Treated On-site	Treated Off-site	Total Quantity Disposed or Otherwise Released On- and Off-site	Total Production-related Waste Managed	Non-production-related Waste Managed
TRICHLOROETHYLENE	1988	.	.	.	.	.	.	.	.	.
TRICHLOROETHYLENE	1989	.	.	.	.	.	.	.	.	.
TRICHLOROETHYLENE	1990	.	.	.	.	.	.	.	.	.
TRICHLOROETHYLENE	1991	0	1220	0	0	0	.	36324	37544	0
TRICHLOROETHYLENE	1992	0	1293	0	0	0	0	33740	35033	0
TRICHLOROETHYLENE	1993	0	142	0	0	0	0	36278	36420	0
TRICHLOROETHYLENE	1994	.	1333	.	.	.	2020	19640	22993	0
TRICHLOROETHYLENE	1995	.	.	.	.	.	1460	21780	23240	0
TRICHLOROETHYLENE	1996	.	.	.	.	.	690	15910	16600	0
TRICHLOROETHYLENE	1997	.	.	.	.	.	800	14380	15180	0
TRICHLOROETHYLENE	1998	0	0	0	0	0	950	15550	16500	0
TRICHLOROETHYLENE	1999	0	0	0	0	0	1000	12300	13300	0
TRICHLOROETHYLENE	2000	0	0	0	0	0	1314	17820	19134	0
TRICHLOROETHYLENE	2001	0	0	0	0	0	1000	15200	16200	0
TRICHLOROETHYLENE	2002	0	0	0	0	0	1495	15665	17160	0
TRICHLOROETHYLENE	2003	0	0	0	0	0	2112	14388	16500	0
TRICHLOROETHYLENE	2004	.	.	.	.	.	1875	11220	13095	0
NICKEL COMPOUNDS	2005	0	0	0	0	0	0	5730	5730	0

Key:

Recycled On-site: the amount of the toxic chemical recycled on-site during the calendar year for which the report was submitted.

Recycled Off-site: the total amount of the toxic chemical sent off-site for recycling during the calendar year for which the report was submitted.

Energy Recovery On-site: the total amount of the toxic chemical in waste burned for energy recovery on-site during the calendar year for which the report was submitted.

Energy Recovery Off-site: the total amount of the toxic chemical in waste sent off-site to be burned for energy recovery during the calendar year for which the report was submitted.

Treated On-site: the total amount of the toxic chemical treated on-site during the calendar year for which the report was submitted.

Treated Off-site: the total amount of the toxic chemical sent for treatment off-site during the calendar year for which the report was submitted.

Total Quantity Disposed or otherwise released On- and Off-site: the total amount of the toxic chemical disposed of or release due to production related events by the facility to all environmental media both on and off site during the calendar year for which the report was submitted.

Total Production-related Waste Managed: the sum of recycled on-site, recycled off-site, energy recovery on-site, energy recovery off-site, treated on-site, treated off-site, and quantities disposed of or otherwise released on- and off-site.

Non-production related Waste Managed: the total amount of the toxic chemical released directly to the environment or sent off-site for recycling, energy recovery, treatment, or disposal during the reporting year due to remedial actions, catastrophic events, such as earthquakes or floods, and one-time events not associated with normal or routine production processes.

"." means the facility left that particular cell blank in its TRI Form R submission.

"0" means either that the facility reported "0" or "NA" in its TRI Form R submission.

Notes:

All measurements are in pounds.

Source:

EPA's Toxics Release Inventory Database. http//www.epa.gov/triexplorer.

Table B-10
Summary of TRI Release Reports for Saint-Gobain Containers
RM 1.4-1.7 East

Chemical	Year	Fugitive Air	Stack Air	Total Air Emissions	Surface Water Discharge	Underground Injection	Land Disposal	Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases	Total On- and Off-site Disposal or Other Releases
TOLUENE	1988	2324	20916	23240	0	0	0	23240	0	23240
XYLENE (MIXED ISOMERS)	1988	2501	22514	25015	0	0	0	25015	0	25015
TOLUENE	1989	505	22550	23055	0	0	0	23055	0	23055
TRICHLOROETHYLENE	1989	4500	10104	14604	0	0	0	14604	0	14604
XYLENE (MIXED ISOMERS)	1989	2912	26216	29128	0	0	0	29128	0	29128
TOLUENE	1990	4236	38127	42363	0	0	0	42363	0	42363
TRICHLOROETHYLENE	1990	2840	25563	28403	0	0	0	28403	0	28403
XYLENE (MIXED ISOMERS)	1990	2538	22848	25386	0	0	0	25386	0	25386
TOLUENE	1991	4124	37115	41239	0	0	0	41239	0	41239
TRICHLOROETHYLENE	1991	5391	16175	21566	0	0	0	21566	0	21566
XYLENE (MIXED ISOMERS)	1991	2900	26855	29755	0	0	0	29755	0	29755
TOLUENE	1992	3000	26409	29409	.	0	0	29409	0	29409
XYLENE (MIXED ISOMERS)	1992	3100	27900	31000	.	0	0	31000	0	31000
TOLUENE	1993	3000	25277	28277	.	0	0	28277	0	28277
XYLENE (MIXED ISOMERS)	1993	3300	29700	33000	.	0	0	33000	0	33000
TOLUENE	1994	2500	22047	24547	.	0	0	24547	0	24547
XYLENE (MIXED ISOMERS)	1994	5000	42302	47302	.	0	0	47302	0	47302
METHYL ISOBUTYL KETONE	1995	1000	9552	10552	.	0	0	10552	0	10552
METHYL ISOBUTYL KETONE	1996	1200	11029	12229	.	0	0	12229	0	12229
XYLENE (MIXED ISOMERS)	1996	1167	10510	11677	.	0	0	11677	0	11677
METHYL ISOBUTYL KETONE	1997	1308	11611	12919	.	0	0	12919	0	12919
XYLENE (MIXED ISOMERS)	1997	1295	11658	12953	.	0	0	12953	0	12953
METHYL ISOBUTYL KETONE	1998	1950	11049	12999	.	0	0	12999	0	12999
XYLENE (MIXED ISOMERS)	1998	1751	9924	11675	.	0	0	11675	0	11675
METHYL ISOBUTYL KETONE	1999	2030	11503	13533	.	0	0	13533	0	13533

Key:

Fugitive Air: fugitive air emissions are all releases to air that are not released through a confined air stream. Fugitive emissions include equipment leaks, evaporative losses from surface impoundments and spills, and releases from building ventilation systems.

Stack Air: stack or point source air emissions occur through confined air streams suck as stack, vents, ducts, or pipes.

Total Air Emissions: includes both fugitive air emissions and point source air emissions.

Surface Water Discharge: releases to water include discharges to streams, rivers, lakes, oceans, and other bodies of water. This includes releases from confined sources, such as industrial process outflow pipes or open trenches. Releases due to runoff, including stormwater runoff are also reportable to TRI under this category.

Underground Injection: underground injection is the subsurface emplacement of fluids through wells. TRI chemicals associated with manufacturing, the petroleum industry, mining, commercial and service industries, and Federal and municipal government related activities may be injected into class I, II, III, IV, or V wells, if they do not endanger underground sources of drinking water (USDW), public health or the environment.

Land Disposal: the disposal of the toxic chemical to land at the facility that does not fall into one of the other on-site land release categories found in Sections 5.5.1 through 5.5.3 on the TRI Form R. Other disposal includes such activities as placement in waste piles and spills or leaks.

Total On-Site Disposal or Other Releases: include emissions to the air, discharges to bodies of water, disposal at the facility to land, and disposal in underground injection wells. Disposal or other releases are reported to TRI by media type.

Total Off-site Disposal or Other Releases: a discharge of a toxic chemical to the environment that occurs as a result of a facility's transferring a waste containing a TRI chemical off-site disposal or other release.

Total On- and Off-Site Disposal and Other Releases: the sum of total on-site disposal or other release and total off-site disposal or other releases.

"." means the facility left that particular cell blank in its TRI Form R submission.

"0" means either that the facility reported "0" or "NA" in its TRI Form R submission.

Notes:

All measurements are in pounds.

Source:

EPA's Toxics Release Inventory Database. http//www.epa.gov/triexplorer.

Table B-11
Summary of TRI Waste Transfer Reports for Saint-Gobain Containers
RM 1.4-1.7 East

Chemical	Year	Transfers to Recycling	Transferred to Energy Recovery	Transfers to Treatment	Transfers to POTWs Non Metals	Transfers Off-site for Disposal or Other Releases	Total Transfers Off-site for Further Waste Management
Chromium Compounds	1988	0	0	0	0	0	250
Chromium Compounds	1989	0	0	0	0	0	250
Chromium Compounds	1990	0	0	0	0	0	250
Chromium Compounds	1991	0	0	0	0	0	250
Chromium Compounds	1992	0	0	0	0	0	17138
Chromium Compounds	1993	0	0	0	0	0	130522
Chromium Compounds	1994	0	0	0	0	0	20866
Chromium Compounds	1995	0	0	0	0	0	500
Chromium Compounds	1996	0	0	0	0	0	54586
Chromium Compounds	1997	0	0	0	0	0	250
Ethylene Glycol	1997	0	0	0	0	0	1850
Chromium Compounds	1998	0	0	0	0	0	0
Chromium Compounds	1999	0	0	0	0	0	0
Chromium Compounds	2000	.	.	.	.	.	.
Chromium Compounds	2001	.	.	.	.	.	.
Lead Compounds	2001	0	0	0	0	0	9
Chromium Compounds	2002	.	.	.	.	.	.
Lead Compounds	2002	0	0	0	0	0	13
Chromium Compounds	2003	.	.	.	.	.	.
Lead Compounds	2003	0	0	0	0	0	10
Chromium Compounds	2004	.	.	.	.	.	.
Lead Compounds	2004	0	0	0	0	0	3
Chromium Compounds	2005	.	.	.	.	.	.
Lead Compounds	2005	0	0	0	0	0	2

Key:

Transfers to Recycling: the total among of toxic chemical in the waste stream transferred from the facility to an off-site location during the calendar year (January 1 - December 31) for recycling to manage the toxic chemical. This refers to the ultimate disposition of the toxic chemical, not the intermediate activities used for the waste stream.

Transferred to Energy Recovery: the total amount of the toxic chemical in the waste stream transferred from the facility to an off-site location during the calendar year for energy recovery to manage the toxic chemical.

Transfers to treatment: the total amount of toxic chemical in the waste stream transferred from the facility to an off-site location during the calendar year for treatment to manage the toxic chemical.

Transfers to POWs Non Metals: the total amount of the toxic chemical in the waste stream transferred from the facility to all POTWs during the calendar year.

Transfers Off-Site for Disposal or Other Releases: sum of transfers to underground injection, RCRA Subtitle C landfills, other landfills, storage, solidification/stabilization of metals and metal category compounds, RCRA Subtitle C surface impoundments, other surface impoundments, land treatment, other land disposal, other off-site waste management, waste broker for disposal, and unknown.

Total Transfers Off-Site of Further Waste Management: the sum of transfers to recycling, transfers to energy recovery, transfers to treatment, transfers to POTWs and other off-site transfers, including transfers to disposal or other releases.

POTW = Publicly Owned Treatment Works

"." means the facility left that particular cell blank in its TRI Form R submission.

"0" means either that the facility reported "0" or "NA" in its TRI Form R submission.

Notes:

All measurements are in pounds.

Source:

EPA's Toxics Release Inventory Database. http//www.epa.gov/triexplorer.

Table B-12
Summary of TRI Waste Quantity Reports for Saint-Gobain Containers
RM 1.4-1.7 East

Chemical	Year	Recycled On-site	Recycled Off-site	Energy Recovery On-site	Energy Recovery Off-site	Treated On-site	Treated Off-site	Total Quantity Disposed or Otherwise Released On- and Off-site	Total Production-related Waste Managed	Non-production-related Waste Managed
TOLUENE	1988	.	.	.	.	.	.	.	.	.
XYLENE (MIXED ISOMERS)	1988	.	.	.	.	.	.	.	.	.
TOLUENE	1989	.	.	.	.	.	.	.	.	.
TRICHLOROETHYLENE	1989	.	.	.	.	.	.	.	.	.
XYLENE (MIXED ISOMERS)	1989	.	.	.	.	.	.	.	.	.
TOLUENE	1990	.	.	.	.	.	.	.	.	.
TRICHLOROETHYLENE	1990	.	.	.	.	.	.	.	.	.
XYLENE (MIXED ISOMERS)	1990	.	.	.	.	.	.	.	.	.
TOLUENE	1991	226	0	0	0	0	0	41239	41465	.
TRICHLOROETHYLENE	1991	0	4260	0	0	0	0	21566	25826	0
XYLENE (MIXED ISOMERS)	1991	1857	0	0	0	0	0	29755	31612	.
TOLUENE	1992	200	0	0	0	0	0	29409	29609	0
XYLENE (MIXED ISOMERS)	1992	1998	0	0	0	0	0	31000	32998	0
TOLUENE	1993	354	0	0	0	0	140	27923	28417	0
XYLENE (MIXED ISOMERS)	1993	2988	0	0	0	0	561	30014	33563	0
TOLUENE	1994	324	0	0	0	0	0	24233	24557	0
XYLENE (MIXED ISOMERS)	1994	3520	0	0	0	0	0	43782	47302	0
METHYL ISOBUTYL KETONE	1995	1000	0	0	0	0	200	10552	11752	0
METHYL ISOBUTYL KETONE	1996	765	0	0	0	0	135	11329	12229	0
XYLENE (MIXED ISOMERS)	1996	800	0	0	0	0	200	10677	11677	0
METHYL ISOBUTYL KETONE	1997	883	0	0	0	0	157	12036	13076	0
XYLENE (MIXED ISOMERS)	1997	874	0	0	0	0	155	11924	12953	0
METHYL ISOBUTYL KETONE	1998	953	0	0	0	0	169	12830	13952	0
XYLENE (MIXED ISOMERS)	1998	845	0	0	0	0	152	11523	12520	0
METHYL ISOBUTYL KETONE	1999	895	0	0	0	0	158	13533	14586	0

Key:

Recycled On-site: the amount of the toxic chemical recycled on-site during the calendar year for which the report was submitted.

Recycled Off-site: the total amount of the toxic chemical sent off-site for recycling during the calendar year for which the report was submitted.

Energy Recovery On-site: the total amount of the toxic chemical in waste burned for energy recovery on-site during the calendar year for which the report was submitted.

Energy Recovery Off-site: the total amount of the toxic chemical in waste sent off-site to be burned for energy recovery during the calendar year for which the report was submitted.

Treated On-site: the total amount of the toxic chemical treated on-site during the calendar year for which the report was submitted.

Treated Off-site: the total amount of the toxic chemical sent for treatment off-site during the calendar year for which the report was submitted.

Total Quantity Disposed or otherwise released On- and Off-site: the total amount of the toxic chemical disposed of or release due to production related events by the facility to all environmental media both on and off site during the calendar year for which the report was submitted.

Total Production-related Waste Managed: the sum of recycled on-site, recycled off-site, energy recovery on-site, energy recovery off-site, treated on-site, treated off-site, and quantities disposed of or otherwise released on- and off-site.

Non-production related Waste Managed: the total amount of the toxic chemical released directly to the environment or sent off-site for recycling, energy recovery, treatment, or disposal during the reporting year due to remedial actions, catastrophic events, such as earthquakes or floods, and one-time events not associated with normal or routine production processes.

"." means the facility left that particular cell blank in its TRI Form R submission.

"0" means either that the facility reported "0" or "NA" in its TRI Form R submission.

Notes:

All measurements are in pounds.

Source:

EPA's Toxics Release Inventory Database. http//www.epa.gov/triexplorer.