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2003 SUMMARY REPORT

PAINT, FLAMMABLE LIQUIDS, PESTICIDE AND GASOLINE STEWARDSHIP PROGRAMS

THIS IS THE SUMMARY REPORT FOR THE YEAR 2003 FOR THE FOLLOWING INDUSTRY STEWARDSHIP PROGRAMS ADMINISTERED BY PRODUCT CARE ASSOCIATION IN BRITISH COLUMBIA PURSUANT TO THE POST CONSUMER RESIDUAL STEWARDSHIP PROGRAM REGULATION, (BC REG. 111/97 AS AMENDED):

1. PAINT CATEGORY
2. SOLVENT AND FLAMMABLE LIQUIDS CATEGORY
3. PESTICIDE CATEGORY
4. GASOLINE CATEGORY

A. About Product Care

Product Care is a national industry non profit product stewardship association. Product Care has over 100 “brand owner” members who belong to one or more product sectors. Product Care's membership includes manufacturers, distributors, and retailers with head offices in Canada, the US and overseas. Members are audited regularly to ensure regulatory and program compliance.

Product Care's board of directors is representative of its product sectors. Ten board members are elected by the coatings, pesticide, flammable liquids, petroleum products and retailer sectors. Board members are geographically located in Ontario, Alberta and B. C.

B. Paint Collected in 2003

Material	2003 (elc's) ¹
Paint ²	5,683,337
Paint Exchange	107,711

1. “elc” means equivalent litre container, and is a measure of original container capacity, not residual contents.
2. Paint volume includes paint aerosols and Paint Exchange volumes

Cumulative paint volume total since program inception (1994 – 2003) is 33.6 million elc’s.

C. Other Residuals Collected in 2003

Material	2003 (elc’s) ¹
Flammable Liquids ²	121,746
Pesticides	31,536

1. “elc” means equivalent litre container, and is a measure of original container capacity, not residual contents.
2. Flammable Liquids represents combined flammable liquids and gasoline collection volumes

Cumulative flammable liquid volume total since program inception (1998 – 2003) is 575,178 elc’s. Cumulative pesticide volume total since program inception (1998 – 2003) is 145,248 elc’s.

D. Product Care Collection Facilities

Product Care contracts with more than 100 depots across British Columbia, where consumers may return leftover paint. Consumers may also return leftover of flammables, gasoline, and pesticides at 40 of these depots. There is no charge to a consumer to return products to a depot. Depot locations are listed on Product Care’s website www.productcare.org. In addition, Product Care participated in 7 one-day collection events in 2003.

E. Management of Paint Collected

During the Reporting Period, paint collected at Product Care depots throughout BC was received, sorted and bulked at Product Care’s facility in Surrey, B.C. (except paint given away through the paint exchange program) prior to recycling or other disposal management options.

Summary of paint management options:

	method	Example	paint
1	reused	Given to a consumer in original condition through "paint exchange"	4.6%
2	recycled	Reprocessed as paint, used in concrete manufacture, cement manufacture, re-distillation	66.2%
3	utilized for recovery of energy	Fuel blending	29.0%
4	Treated or contained	Incineration due to contamination	0.2%
5	landfill		--

References in this chart do not include the management of non program materials.

F. Management of Other Residuals Collected

During the Reporting Period, other residuals collected at Product Care depots throughout BC were also received, sorted and bulked at Product Care's facility in Surrey, B.C prior to recycling or other disposal management options.

Summary of management options:

	method	Example	flammables	pesticides	gasoline
1	reused		--	--	--
2	recycled		--	--	--
3	utilized for recovery of energy	Fuel blending	100%	--	100%
4	Treated or contained	Incineration	--	100%	--
5	landfill		--	--	--

References in this chart do not include the management of non program materials.

G. Description of Management Options

The following is additional information on management options for paint and other residuals.

Reuse - Paint Exchange program:

Reusable paint is given away free through the paint exchange program to the public and non-profit organizations to be used for its originally intended purpose. The Paint Exchange option is offered at most Product Care depots outside the GVRD. Within the GVRD, the paint exchange program is centralized at Product Care's facility in Surrey. As well as individuals, leftover paint is donated to a wide variety of community organizations, including church groups, community theatres and RCMP anti-graffiti programs.

Many participants obtain information about the Paint Exchange program through the Recycling Hotline service of the Recycling Council of B.C. (RCBC).

During 2003, 4.6% of the paint collected by Product Care was given to consumers for reuse through the paint exchange program.

Recycling

Leftover latex paint was used as a raw material in the manufacturing of specialty concrete and cement products. A portion of the oil-based paint collected was processed through a re-distillation system that recovered its components for use as raw material in the manufacturing of other products, such as asphalt. During the Reporting Period 66.2% of the paint collected by Product Care was recycled in one of these ways.

Energy Recovery

Through the process of fuel blending, a portion of the paint and all of the flammables and gasoline collected by Product Care during the Reporting Period was used as an alternative energy source in applications such as incinerators and cement kilns. Of the paint collected during the Reporting Period 29.0% was managed in this way, and 100% of the flammables and gasoline.

Treatment/Incineration/Landfill

No paint collected during the Reporting Period was disposed of in landfills. Due to contamination 0.2% of paint collected was incinerated. 100% of pesticides were incinerated as there is no recycling or reuse option. All incineration is conducted in licensed facilities.

Containers

All metal paint and gasoline containers were recycled as scrap metal. All 5 gallon size plastic paint pails and all plastic gasoline containers were recycled. All other containers were disposed of according to the BC Special Waste Regulations.

H. 2003 v 2002 Collection Comparison

Material	2003 (elc's) ¹	2002 (elc's)	% change
Paint ²	5,683,337	5,386,993	+5.5%
Paint Exchange	107,711	111,404	-3.3%
Flammable Liquids ³	121,746	93,170	+30.6%
Pesticides	31,536	25,056	+25.8%
Metal Containers Recycled	575 tonnes	518 tonnes	+11.1%
Plastic Container Recycled	43 tonnes	46 tonnes	-6.5%

1. "elc" means equivalent litre container, and is a measure of original container capacity, not residual contents.
2. Paint volumes includes paint aerosols and paint exchange volumes
3. Flammable Liquids represents combined flammable liquids and gasoline collection volumes

I. Program Funding:

Product Care's programs are funded by eco fees paid to Product Care by its member industry "brand owners" based on the volume of regulated products they sell. For some product sectors, the eco fees are recovered at the retail level as a visible "eco fee". Despite steadily increasing return rates, eco fees have never been raised, and have actually been reduced in certain categories (BC program aerosol fees were reduced by 75% in 1999 and BC flammable fees dropped 40% in 2003).

J. Paint/HSW Stewardship in Canada

Paint or paint and other household special waste (HSW) stewardship programs are now mandated in 3 provinces, with regulations on the horizon in several more.

British Columbia: Product Care has managed the paint stewardship program since regulations were introduced in 1994 and pesticides, flammable liquids and

gasoline since 1997.

Nova Scotia: Product Care established a paint stewardship program in Nova Scotia in 2002. The program is delivered in partnership with RRFB Nova Scotia, the operator of the province wide Enviro-Depot system.

Quebec: Product Care maintains a strategic alliance with Eco-Peinture, the industry association which manages the Quebec paint program. Product Care and Eco Peinture are harmonizing their programs for the benefit of common members.

K. Annual Financial Statements

Product Care's audited financial statements from January 1, 2003 to December 31, 2003 are located here:

<http://www.productcare.org/documents/2003AuditedFinancials.pdf>