# 13: 1E - 99.46

### LEGISLATIVE HISTORY CHECKLIST

Compiled by the NJ State Law Library

("Toxic Packaging Reduction Act--amendment")

NJSA:

13:1E-99.46

LAWS OF:

1997

CHAPTER:

307

BILL NO:

A1169

SPONSOR(S):

Cohen and others

DATE INTRODUCED:

Pre-filed

COMMITTEE:

ASSEMBLY:

Agriculture and Waste

SENATE:

Environment

AMENDED DURING PASSAGE:

Yes

Amendments during passage denoted

First reprint enacted

by superscript numbers

DATE OF PASSAGE:

ASSEMBLY:

May 22, 1997

SENATE:

December 1, 1997

DATE OF APPROVAL:

January 8, 1998

FOLLOWING STATEMENTS ARE ATTACHED IF AVAILABLE:

SPONSOR STATEMENT:

res

COMMITTEE STATEMENT:

ASSEMBLY:

Yes

SENATE:

Yes

FISCAL NOTE:

Yes

VETO MESSAGE:

No

MESSAGE ON SIGNING:

No

FOLLOWING WERE PRINTED:

REPORTS:

No

HEARINGS:

No

Coalition of Northeastern Governors--model legislation--attached.

KBP:pp

# P.L. 1997, CHAPTER 307, approved January 8, 1998 Assembly, No. 1169 (First Reprint)

1	AN ACT concerning the use of certain toxic substances in packaging,
2	and amending P.L.1991, c.520 (C.13:1E-99.44 et seq.).
3	
4	BE IT ENACTED by the Senate and General Assembly of the State
5	of New Jersey:
6	
7	<sup>1</sup> 1. Section 3 of P.L.1991, c.520 (C.13:1E-99.46) is amended to
8	read as follows:
9	3. As used in this act:
10	"Commissioner" means the Commissioner of Environmental
11	Protection [and Energy;].
12	"Department" means the Department of Environmental Protection
13	[and Energy;].
14	"Distribution" means the practice of taking title to packages or
15	packaging components for promotional purposes or resale.
16	"Distributor" means any person who distributes packaged products
17	intended for retail sale in packages or packaging components[;] . but
18	shall not include any person involved solely in delivering packages or
19	packaging components on behalf of third parties.
20	"Manufacturing" means the physical or chemical modification of a
21	material to produce packaging or packaging components.
22	"Package" means a container specifically manufactured for the
23	purposes of marketing, protecting or handling a product and shall
24	include a unit package, an intermediate package and a shipping
25	container as defined by the American Society for Testing and Materials
26	in ASTM D996; "package" shall also mean and include such unsealed
27	receptacles as carrying cases, crates, cups, pails, rigid foil and other
28	trays, wrappers and wrapping films, bags and tubs[;].
29	"Package manufacturer" means any person who manufactures

EXPLANATION - Matter enclosed in bold-faced brackets [thus] in the above bill is not enacted and intended to be omitted in the law.

Matter underlined  $\underline{thus}$  is new matter.

Matter enclosed in superscript numerals has been adopted as follows:

Assembly AAW committee amendments adopted May 12, 1997.

packages or packaging components[;].

"Packaging component" means any individual assembled part of a package including, but not limited to, any interior or exterior blocking, bracing, cushioning, weatherproofing, exterior strapping, coating, closure, ink, label, dye, pigment, adhesive, stabilizer or any other additive; except that a "coating" shall not include a thin tin or zinc layer applied to base steel or sheet steel during manufacturing of the steel or package; except that tin-plated steel that meets ASTM specification A-623 shall be considered as a single package component, and electro-galvanized coated steel and hot dipped coated galvanized steel that meets the ASTM specification A-525 and A-879 shall be treated in the same manner as tin-plated steel.

"Product manufacturer" means any person who purchases packages or packaging components from a package manufacturer for the purposes of marketing, protecting or handling the contents of the package or packaging component, including a product intended for retail sale[;].

"Retailer" means any person who engages in the sale within the State of packaged products intended for retail sale in packages or packaging components to a consumer at retail for off-premises use or consumption.<sup>1</sup>

(cf: P.L.1991, c.520, s.3)

- <sup>1</sup>[1.] 2.<sup>1</sup> Section 4 of P.L.1991, c.520 (C.13:1E-99.47) is amended to read as follows:
- 4. a. On or after January 1, 1993, no person shall sell, offer for sale, or offer for promotional purposes in this State any package or packaging component which includes, in the package itself or in any packaging component, inks, dyes, pigments, adhesives, stabilizers or any other additives containing any lead, cadmium, mercury or hexavalent chromium which has been intentionally introduced as a chemical element during manufacturing or distribution as opposed to the incidental presence of any of these elements.
- b. On or after January 1, 1993, no person shall sell, offer for sale, or offer for promotional purposes in this State any product contained in a package which includes, in the package itself or in any packaging component, inks, dyes, pigments, adhesives, stabilizers or any other additives containing any lead, cadmium, mercury or hexavalent chromium which has been intentionally introduced as a chemical element during manufacturing or distribution as opposed to the incidental presence of any of these elements.
- c. The sum of the concentration levels of lead, cadmium, mercury or hexavalent chromium present in any package or packaging component, which shall constitute an incidental presence, shall not exceed the following levels:
  - (1) Not more than 600 parts per million by weight (0.06%) after

January 1, 1993;

1 2

- (2) Not more than 250 parts per million by weight (0.025%) after January 1, 1994;
- 4 (3) Not more than 100 parts per million by weight (0.01%) after 5 January 1, 1995.

As used in this section, "incidental presence" means the presence or a regulated metal as an unintended or undesired ingredient of a package or packaging component.

As used in this section, "intentionally introduced" means the deliberate use of a regulated heavy metal to provide a desired characteristic, appearance, or quality.

"Intentionally introduced" shall not include:

- (1) Using a regulated metal as a processing agent or intermediate to impart certain chemical or physical changes during manufacturing, whereupon the incidental retention of a residue of a regulated metal in the final package or packaging component is neither desired nor deliberate, if the final package or packaging component is in compliance with this act; or
- (2) Using recycled materials as feed stock for the manufacture of new packaging materials, where some portion of the recycled materials may contain amounts of the regulated metals if the new package or packaging component is in compliance with this act.

(cf: P.L.1991, c.520, s.4)

- <sup>1</sup>[2.] 3.<sup>1</sup> Section 5 of P.L.1991, c.520 (C.13:1E-99.48) is amended to read as follows:
- 5. a. Any package manufacturer, product manufacturer or distributor may, in accordance with rules or regulations adopted by the department pursuant to the "Administrative Procedure Act," P.L.1968, c.410 (C.52:14B-1 et seq.), claim an exemption from the provisions of section 4 of this act for any package or packaging component meeting any of the following criteria:
- (1) Those packages or packaging components labeled with a code indicating a date of manufacture prior to January 1, 1993; except that the labeling requirement may be waived by the department in those instances where it is not feasible or practical to label individual packages or packaging components provided that suitable alternative evidence of date of manufacture is furnished to the department;
- (2) Those packages or packaging components used to contain alcoholic beverages, including liquor, wine, vermouth and sparkling wine, bottled prior to January 1, 1993;
- 42 (3) Those packages or packaging components which are glass 43 containers with ceramic labeling used to contain pharmaceutical 44 preparations; except that the exemption provided in this paragraph 45 shall expire on January 1, 1995;
  - (4) Those packages or packaging components which are glass

containers with ceramic labeling used to contain cosmetics; except that the exemption provided in this paragraph shall expire on January 1, 1995;

1 2

- (5) Those packages or packaging components to which lead, cadmium, mercury or hexavalent chromium have been added in the manufacturing, forming, printing or distribution process in order to comply with health or safety requirements of federal law <sup>1</sup>, provided that the package manufacturers of such package or packaging component shall petition the department for an exemption and receive approval from the department based upon a satisfactory demonstration that the criterion is met; provided that an exemption under this paragraph shall be for a period of no more than two years, except that the package manufacturer may apply to the department for renewals of the exemption for periods of no more than two years <sup>1</sup>;
- (6) Those packages or packaging components to which lead, cadmium, mercury or hexavalent chromium have been added in the manufacturing, forming, printing or distribution process <sup>1</sup>[and]<sup>1</sup> for the use of which there is no feasible or practical alternative <sup>1</sup>[or substitute; except that the exemption provided in this paragraph shall expire on January 1, 1995], provided that the package manufacturers of such package or packaging component shall petition the department for an exemption and receive approval from the department based upon a satisfactory demonstration that the criterion is met; provided that an exemption under this paragraph shall be for a period of no more than two years, except that the package manufacturer may apply to the department for renewals of the exemption for periods of no more than two years<sup>1</sup>;
- (7) Those packages or packaging components that would not exceed the maximum contaminant levels set forth in subsection c. of section 4 of this act but for the addition of <sup>1</sup>[post-consumer waste] recycled materials; except that the exemption provided in this paragraph shall expire on January 1, [1997] 2000;
- (8) Those packages or packaging components composed of metal and commonly referred to as "tin cans" that are used to contain food or food products intended for human consumption and that may exceed the maximum contaminant levels set forth in subsection c. of section 4 of this act due to the incidental presence of lead as a naturally occurring chemical element in the metal that is unrelated to the manufacturing process; or
- (9) Those packages or packaging components composed of metal and commonly referred to as "tin cans" that are used to contain paint, chemicals or other nonfood products, to which lead has been added in the manufacturing process for the purposes of forming, soldering or sealing the can, or that may exceed the maximum contaminant levels set forth in subsection c. of section 4 of this act due to the incidental presence of lead as a naturally occurring chemical element in the metal

that is unrelated to the manufacturing process.

- provided that the related product is regulated under federal or State health or safety requirements and that the transportation of the related product is regulated under federal or State transportation requirements, and the disposal of the related product is performed according to federal or State radioactive or hazardous waste disposal requirements; provided that <sup>1</sup>[the]<sup>1</sup> an exemption under this paragraph shall expire on January 1, 2000.
- (11) Those packages or packaging components having a controlled distribution and reuse, provided that the manufacturers or distributors of such package or packaging component shall petition the <sup>1</sup>[commissioner] department for <sup>1</sup>an exemption and receive approval from the [commissioner] department . 1 based on satisfactory demonstration that the environmental benefit of the controlled distribution and reuse is significantly greater as compared to the same package manufactured in compliance with the contaminant levels: provided that <sup>1</sup>[the] <sup>1</sup> an exemption under this paragraph shall expire on January 1, 2000.

The manufacturer shall submit with the petition a plan that shall include:

- (a) A means of identifying in a permanent and visible manner those reusable entities containing regulated metals for which an exemption is sought:
- (b) A method of regulatory and financial accountability so that a specified percentage of the reusable entities manufactured and distributed to other persons are not discarded by those persons after use but are returned to the manufacturer or designee;
- (c) A system of inventory and record maintenance to account for the reusable entities placed in, and removed from, service:
- (d) A means of transforming returned entities, that are no longer reusable, into recycled materials for manufacturing or into manufacturing waste that are subject to existing federal or State laws or regulations governing manufacturing waste to ensure that these wastes do not enter the commercial or municipal waste stream; and
- (e) A system of annually reporting to the commissioner changes to the system and changes in designees.

<sup>1</sup>[The exemption provided in paragraph (6) may be renewed by the department for periods not to exceed two years, except that any renewal granted by the department for the exemption provided in paragraph (6) shall be based on evidence furnished to the department that there is no feasible or practical alternative or substitute for the specified package or packaging component.]

(12) Those packages or packaging components that are glass or ceramic that have a vitrified decoration and when tested in accordance with the toxicity characteristic leaching procedure (TCLP) of the

United States Environmental Protection Agency Test Method SW-846
 does not exceed 1.0 ppm for cadmium and 5.0 ppm for lead; provided
 that an exemption under this paragraph shall expire on January 1,
 2000.<sup>1</sup>

The exemptions provided in paragraphs (8) and (9) shall expire on January 1, 1997, except that any exemption provided in paragraphs (8) or (9) may be renewed by the department after this date for periods not to exceed two years. Any renewal granted by the department for the exemption provided in paragraphs (8) or (9) shall be based on evidence furnished to the department that there is no feasible method to reduce the concentration levels of lead for the specified package or packaging component.

For the purposes of this subsection, a use for which there is "no feasible or practical alternative or substitute" means one in which the use of lead, cadmium, mercury or hexavalent chromium is essential to the protection, safe handling, or function of the contents of the package.

- b. Any package manufacturer, product manufacturer or distributor claiming an exemption pursuant to subsection a. of this section shall maintain on file a written declaration of exemption for each specified package or packaging component for which an exemption is claimed. Copies of each declaration of exemption shall be furnished to the department upon its request and to members of the public in accordance with the provisions of section 14 of this act.
- c. Any product contained in a package or packaging component for which an exemption is claimed may be sold by a retailer provided that the declaration of exemption claimed is valid and in accordance with the criteria provided in subsection a. of this section, as may be verified by the department pursuant to section 9 of this act.

(cf: P.L.1991, c.520, s.5)

- $^{1}$ [3.] 4. $^{1}$  Section 13 of P.L.1991, c.520 (C.13:1E-99.56) is amended to read as follows:
- 13. The department, in consultation with the Source Reduction [Council] <u>Task Force</u> of the Coalition of Northeastern Governors (CONEG), shall review the effectiveness of this act no later than 42 months after its effective date and shall provide to the Governor and the Legislature a written report based upon that review.
  - a. The report shall include:
- (1) a recommendation whether to continue the exemptions provided in paragraphs (7), (8) and (9) of subsection a. of section 5 of this act; and
- (2) a description of the nature of the substitute elements used in lieu of lead, cadmium, mercury or hexavalent chromium during the manufacturing or distribution of a package or packaging component.
  - b. The report may contain recommendations to include additional

# A1169 [1R]

1 toxic substances contained in packages or packaging components on 2 the list set forth in section 4 of this act in order to further reduce the 3 toxicity of packaging waste. 4 Any recommendation to include an additional toxic substance on 5 the list set forth in section 4 of this act shall include: (1) a determination as to whether the continued use of the 6 7 proposed substance presents or will present an unreasonable risk to health or the environment, which determination shall utilize a 8 9 nationally recognized risk assessment protocol taking into account the magnitude and severity of the environmental harm against the benefits 10 11 of the substance to product manufacturers and the general public; 12 (2) a determination as to the availability of a substitute element to be used in lieu of the proposed substance; and 13 14 (3) a description of other adverse effects which the addition of the 15 proposed substance to the list set forth in section 4 of this act may have on product manufacturers or the general public. 16 (cf: P.L.1991, c.520, s.13) 17 18 <sup>1</sup>[4.] <u>5.</u> This act shall take effect immediately. 19 20 21

24 Amends the "Toxic Packaging Reduction Act."

- which an exemption is claimed may be sold by a retailer provided that
- 2 the declaration of exemption claimed is valid and in accordance with
- 3 the criteria provided in subsection a. of this section, as may be verified
- 4 by the department pursuant to section 9 of this act.2
- 5 (cf: P.L.1991, c.520, s.5)

6

11

14

15

16

17

18

19

20

21

22

23

24

25

26 27

28

29

30

31

32

33 34

- 7 3. Section 13 of P.L.1991, c.520 (C.13:1E-99.56) is amended to 8 read as follows:
- 9 13. The department, in consultation with the Source Reduction 10 [Council] <u>Task Force</u> of the Coalition of Northeastern Governors (CONEG), shall review the effectiveness of this act no later than 42 12 months after its effective date and shall provide to the Governor and 13 the Legislature a written report based upon that review.
  - a. The report shall include:
  - a recommendation whether to continue the exemptions provided in paragraphs (7), (8) and (9) of subsection a. of section 5 of this act; and
  - (2) a description of the nature of the substitute elements used in lieu of lead, cadmium, mercury or hexavalent chromium during the manufacturing or distribution of a package or packaging component.
  - b. The report may contain recommendations to include additional toxic substances contained in packages or packaging components on the list set forth in section 4 of this act in order to further reduce the toxicity of packaging waste.
  - Any recommendation to include an additional toxic substance on the list set forth in section 4 of this act shall include:
  - a determination as to whether the continued use of the proposed substance presents or will present an unreasonable risk to health or the environment, which determination shall utilize a nationally recognized risk assessment protocol taking into account the magnitude and severity of the environmental harm against the benefits of the substance to product manufacturers and the general public;
  - (2) a determination as to the availability of a substitute element to be used in lieu of the proposed substance; and
- (3) a description of other adverse effects which the addition of the 35 36 proposed substance to the list set forth in section 4 of this act may 37 have on product manufacturers or the general public.
- 38 (cf: P.L.1991, c.520, s.13)

39 40

4. This act shall take effect immediately.

41 42

### **STATEMENT**

43 44

45 This bill would amend the "Toxic Packaging Reduction Act" 46 according to recommendations by the Coalition of Northeast

## A1169

6

Governors (CONEG). The bill would extend to January 1, 2000 the 2 exemption for packaging or packaging components with 3 post-consumer waste material. The bill would clarify the definition of 4 "incidental presence" and "intentionally introduced." The bill would 5 also add an exemption for reusable packaging. Finally, the bill revises 6 a reference to the Source Reduction Task Force of CONEG. 7 8 9 10 Amends the "Toxic Packaging Reduction Act." 11

# [Passed Both Houses]

# [First Reprint] ASSEMBLY, No. 1169

# STATE OF NEW JERSEY

### PRE-FILED FOR INTRODUCTION IN THE 1996 SESSION

By Assemblyman COHEN, Assemblywoman MURPHY, Assemblyman Bucco, Assemblywoman Gill and Senator McNamara

AN ACT concerning the use of certain toxic substances in packaging,

2	and amending P.L.1991, c.520 (C.13:1E-99.44 et seq.).		
3			
4	Be It Enacted by the Senate and General Assembly of the State		
5	of New Jersey:		
6			
7	<sup>1</sup> 1. Section 3 of P.L.1991, c.520 (C.13:1E-99.46) is amended to		
8	read as follows:		
9	3. As used in this act:		
10	"Commissioner" means the Commissioner of Environmental		
11	Protection [and Energy;].		
12	"Department" means the Department of Environmental Protection		
13	[and Energy;].		
14	"Distribution" means the practice of taking title to packages or		
15	packaging components for promotional purposes or resale.		
16	"Distributor" means any person who distributes packaged products		
17	intended for retail sale in packages or packaging components[;], but		
18	shall not include any person involved solely in delivering packages or		
19	packaging components on behalf of third parties.		
20	"Manufacturing" means the physical or chemical modification of a		
21	material to produce packaging or packaging components.		
22	"Package" means a container specifically manufactured for the		
23	purposes of marketing, protecting or handling a product and shall		
24	include a unit package, an intermediate package and a shipping		
25	container as defined by the American Society for Testing and Materials		
26	in ASTM D996; "package" shall also mean and include such unsealed		

EXPLANATION - Matter enclosed in bold-faced brackets [thus] in the above bill is not enacted and intended to be omitted in the law.

receptacles as carrying cases, crates, cups, pails, rigid foil and other trays, wrappers and wrapping films, bags and tubs [;].

"Package manufacturer" means any person who manufactures packages or packaging components [;].

"Packaging component" means any individual assembled part of a package including, but not limited to, any interior or exterior blocking, bracing, cushioning, weatherproofing, exterior strapping, coating, closure, ink, label, dye, pigment, adhesive, stabilizer or any other additive; except that a "coating" shall not include a thin tin or zinc layer applied to base steel or sheet steel during manufacturing of the steel or package; except that tin-plated steel that meets ASTM specification A-623 shall be considered as a single package component, and electro-galvanized coated steel and hot dipped coated galvanized steel that meets the ASTM specification A-525 and A-879 shall be treated in the same manner as tin-plated steel.

"Product manufacturer" means any person who purchases packages or packaging components from a package manufacturer for the purposes of marketing, protecting or handling the contents of the package or packaging component, including a product intended for retail sale[;].

"Retailer" means any person who engages in the sale within the State of packaged products intended for retail sale in packages or packaging components to a consumer at retail for off-premises use or consumption.<sup>1</sup>

25 (cf: P.L.1991, c.520, s.3)

# <sup>1</sup>[1.] 2.<sup>1</sup> Section 4 of P.L.1991, c.520 (C.13:1E-99.47) is amended to read as follows:

- 4. a. On or after January 1, 1993, no person shall sell, offer for sale, or offer for promotional purposes in this State any package or packaging component which includes, in the package itself or in any packaging component, inks, dyes, pigments, adhesives, stabilizers or any other additives containing any lead, cadmium, mercury or hexavalent chromium which has been intentionally introduced as a chemical element during manufacturing or distribution as opposed to the incidental presence of any of these elements.
- b. On or after January 1, 1993, no person shall sell, offer for sale, or offer for promotional purposes in this State any product contained in a package which includes, in the package itself or in any packaging component, inks, dyes, pigments, adhesives, stabilizers or any other additives containing any lead, cadmium, mercury or hexavalent chromium which has been intentionally introduced as a chemical element during manufacturing or distribution as opposed to the incidental presence of any of these elements.
- c. The sum of the concentration levels of lead, cadmium, mercury or hexavalent chromium present in any package or packaging

1 component, which shall constitute an incidental presence, shall not 2 exceed the following levels:

- 3 (1) Not more than 600 parts per million by weight (0.06%) after 4 January 1, 1993;
- 5 (2) Not more than 250 parts per million by weight (0.025%) after 6 January 1, 1994;
- 7 (3) Not more than 100 parts per million by weight (0.01%) after 8 January 1, 1995.
- As used in this section, "incidental presence" means the presence
  or a regulated metal as an unintended or undesired ingredient of a
  package or packaging component.
- As used in this section, "intentionally introduced" means the deliberate use of a regulated heavy metal to provide a desired characteristic, appearance, or quality.
- 15 "Intentionally introduced" shall not include:
  - (1) Using a regulated metal as a processing agent or intermediate to impart certain chemical or physical changes during manufacturing, whereupon the incidental retention of a residue of a regulated metal in the final package or packaging component is neither desired nor deliberate, if the final package or packaging component is in compliance with this act; or
  - (2) Using recycled materials as feed stock for the manufacture of new packaging materials, where some portion of the recycled materials may contain amounts of the regulated metals if the new package or packaging component is in compliance with this act.
- 26 (cf: P.L.1991, c.520, s.4)

2728

29 30

31

32

33

34

35

36

37

38 39

40 41

42

43

44

45

46

16

17

18

19

2021

2223

24

- <sup>1</sup>[2.] <u>3.</u> Section 5 of P.L.1991, c.520 (C.13:1E-99.48) is amended to read as follows:
  - 5. a. Any package manufacturer, product manufacturer or distributor may, in accordance with rules or regulations adopted by the department pursuant to the "Administrative Procedure Act," P.L.1968, c.410 (C.52:14B-1 et seq.), claim an exemption from the provisions of section 4 of this act for any package or packaging component meeting any of the following criteria:
  - (1) Those packages or packaging components labeled with a code indicating a date of manufacture prior to January 1, 1993; except that the labeling requirement may be waived by the department in those instances where it is not feasible or practical to label individual packages or packaging components provided that suitable alternative evidence of date of manufacture is furnished to the department;
- (2) Those packages or packaging components used to contain alcoholic beverages, including liquor, wine, vermouth and sparkling wine, bottled prior to January 1, 1993;
- (3) Those packages or packaging components which are glass containers with ceramic labeling used to contain pharmaceutical

preparations; except that the exemption provided in this paragraph shall expire on January 1, 1995;

- (4) Those packages or packaging components which are glass containers with ceramic labeling used to contain cosmetics; except that the exemption provided in this paragraph shall expire on January 1, 1995;
- (5) Those packages or packaging components to which lead, cadmium, mercury or hexavalent chromium have been added in the manufacturing, forming, printing or distribution process in order to comply with health or safety requirements of federal law 1, provided that the package manufacturers of such package or packaging component shall petition the department for an exemption and receive approval from the department based upon a satisfactory demonstration that the criterion is met; provided that an exemption under this paragraph shall be for a period of no more than two years, except that the package manufacturer may apply to the department for renewals of the exemption for periods of no more than two years 1;
  - (6) Those packages or packaging components to which lead, cadmium, mercury or hexavalent chromium have been added in the manufacturing, forming, printing or distribution process <sup>1</sup> [and] <sup>1</sup> for the use of which there is no feasible or practical alternative <sup>1</sup> [or substitute; except that the exemption provided in this paragraph shall expire on January 1, 1995] , provided that the package manufacturers of such package or packaging component shall petition the department for an exemption and receive approval from the department based upon a satisfactory demonstration that the criterion is met; provided that an exemption under this paragraph shall be for a period of no more than two years, except that the package manufacturer may apply to the department for renewals of the exemption for periods of no more than two years<sup>1</sup>;
  - (7) Those packages or packaging components that would not exceed the maximum contaminant levels set forth in subsection c. of section 4 of this act but for the addition of <sup>1</sup> [post-consumer waste] recycled <sup>1</sup> materials; except that the exemption provided in this paragraph shall expire on January 1, [1997] 2000;
  - (8) Those packages or packaging components composed of metal and commonly referred to as "tin cans" that are used to contain food or food products intended for human consumption and that may exceed the maximum contaminant levels set forth in subsection c. of section 4 of this act due to the incidental presence of lead as a naturally occurring chemical element in the metal that is unrelated to the manufacturing process; or
- 43 (9) Those packages or packaging components composed of metal 44 and commonly referred to as "tin cans" that are used to contain paint, 45 chemicals or other nonfood products, to which lead has been added in 46 the manufacturing process for the purposes of forming, soldering or

sealing the can, or that may exceed the maximum contaminant levels set forth in subsection c. of section 4 of this act due to the incidental presence of lead as a naturally occurring chemical element in the metal that is unrelated to the manufacturing process.

(10) Those packages or packaging components that are reused, provided that the related product is regulated under federal or State health or safety requirements and that the transportation of the related product is regulated under federal or State transportation requirements, and the disposal of the related product is performed according to federal or State radioactive or hazardous waste disposal requirements; provided that <sup>1</sup> [the]<sup>1</sup> an exemption under this paragraph shall expire on January 1, 2000.

controlled distribution and reuse, provided that the manufacturers or distributors of such package or packaging component shall petition the '[commissioner] department' for 'an' exemption and receive approval from the '[commissioner]] department', based on satisfactory demonstration that the environmental benefit of the controlled distribution and reuse is significantly greater as compared to the same package manufactured in compliance with the contaminant levels; provided that '[the]' an exemption under this paragraph shall expire on January 1, 2000.

The manufacturer shall submit with the petition a plan that shall include:

- (a) A means of identifying in a permanent and visible manner those reusable entities containing regulated metals for which an exemption is sought;
- (b) A method of regulatory and financial accountability so that a specified percentage of the reusable entities manufactured and distributed to other persons are not discarded by those persons after use but are returned to the manufacturer or designee;
- (c) A system of inventory and record maintenance to account for
   the reusable entities placed in, and removed from, service;
- (d) A means of transforming returned entities, that are no longer
   reusable, into recycled materials for manufacturing or into
   manufacturing waste that are subject to existing federal or State laws
   or regulations governing manufacturing waste to ensure that these
   wastes do not enter the commercial or municipal waste stream; and
- (e) A system of annually reporting to the commissioner changes
   to the system and changes in designees.

<sup>1</sup> [The exemption provided in paragraph (6) may be renewed by the department for periods not to exceed two years, except that any renewal granted by the department for the exemption provided in paragraph (6) shall be based on evidence furnished to the department that there is no feasible or practical alternative or substitute for the specified package or packaging component.]

(12) Those packages or packaging components that are glass or ceramic that have a vitrified decoration and when tested in accordance with the toxicity characteristic leaching procedure (TCLP) of the United States Environmental Protection Agency Test Method SW-846 does not exceed 1.0 ppm for cadmium and 5.0 ppm for lead; provided that an exemption under this paragraph shall expire on January 1, 2000.1

The exemptions provided in paragraphs (8) and (9) shall expire on January 1, 1997, except that any exemption provided in paragraphs (8) or (9) may be renewed by the department after this date for periods not to exceed two years. Any renewal granted by the department for the exemption provided in paragraphs (8) or (9) shall be based on evidence furnished to the department that there is no feasible method to reduce the concentration levels of lead for the specified package or packaging component.

For the purposes of this subsection, a use for which there is "no feasible or practical alternative or substitute" means one in which the use of lead, cadmium, mercury or hexavalent chromium is essential to the protection, safe handling, or function of the contents of the package.

- b. Any package manufacturer, product manufacturer or distributor claiming an exemption pursuant to subsection a. of this section shall maintain on file a written declaration of exemption for each specified package or packaging component for which an exemption is claimed. Copies of each declaration of exemption shall be furnished to the department upon its request and to members of the public in accordance with the provisions of section 14 of this act.
- c. Any product contained in a package or packaging component for which an exemption is claimed may be sold by a retailer provided that the declaration of exemption claimed is valid and in accordance with the criteria provided in subsection a. of this section, as may be verified by the department pursuant to section 9 of this act.
- 33 (cf: P.L.1991, c.520, s.5)

- <sup>1</sup>[3.] <u>4.</u><sup>1</sup> Section 13 of P.L.1991, c.520 (C.13:1E-99.56) is amended to read as follows:
- 13. The department, in consultation with the Source Reduction [Council] <u>Task Force</u> of the Coalition of Northeastern Governors (CONEG), shall review the effectiveness of this act no later than 42 months after its effective date and shall provide to the Governor and the Legislature a written report based upon that review.
- a. The report shall include:
- 43 (1) a recommendation whether to continue the exemptions 44 provided in paragraphs (7), (8) and (9) of subsection a. of section 5 of 45 this act; and
  - (2) a description of the nature of the substitute elements used in

### A1169 [1R] 7

lieu of lead, cadmium, mercury or hexavalent chromium during the 1 2 manufacturing or distribution of a package or packaging component. 3 b. The report may contain recommendations to include additional 4 toxic substances contained in packages or packaging components on 5 the list set forth in section 4 of this act in order to further reduce the 6 toxicity of packaging waste. 7 Any recommendation to include an additional toxic substance on 8 the list set forth in section 4 of this act shall include: 9 (1) a determination as to whether the continued use of the proposed substance presents or will present an unreasonable risk to 10 health or the environment, which determination shall utilize a 11 nationally recognized risk assessment protocol taking into account the 12 13 magnitude and severity of the environmental harm against the benefits 14 of the substance to product manufacturers and the general public; 15 (2) a determination as to the availability of a substitute element to 16 be used in lieu of the proposed substance; and 17 (3) a description of other adverse effects which the addition of the 18 proposed substance to the list set forth in section 4 of this act may 19 have on product manufacturers or the general public. 20 (cf: P.L.1991, c.520, s.13) 21 <sup>1</sup>[4.] <u>5.</u> This act shall take effect immediately. 22

Amends the "Toxic Packaging Reduction Act."

# ASSEMBLY AGRICULTURE AND WASTE MANAGEMENT COMMITTEE

#### STATEMENT TO

## ASSEMBLY, No. 1169

with committee amendments

# STATE OF NEW JERSEY

DATED: MAY 12, 1997

The Assembly Agriculture and Waste Management Committee favorably reports Assembly Bill No. 1169 with committee amendments.

The "Toxic Packaging Reduction Act," P.L.1991, c.520 (C.13:1E-99.44 et seq.) requires manufacturers of packaging or packaging materials to reduce the amounts of toxic substances added to packages or packaging components used to market products sold within New Jersey. The act is based on model legislation drafted by the Coalition of Northeastern Governors (CONEG). Eighteen states nationwide have enacted legislation based on the model.

As amended, this bill would revise the "Toxic Packaging Reduction Act" according to recommendations proposed by CONEG. The bill would extend to January 1, 2000 the exemption for packaging or packaging components with post-consumer waste material, and broaden that exemption to apply to recycled materials. The bill would clarify the definition of "incidental presence" and "intentionally introduced." The bill would also add an exemption for reusable packaging. Additional provisions of the bill provide for two year renewals of certain exemptions, incorporate an exemption for decorated glass and ceramic packaging, and define various terms. Finally, the bill revises a reference to the Source Reduction Task Force of CONEG.

Committee amendments incorporate recent recommendations of CONEG.

This bill was pre-filed for introduction in the 1996-1997 session pending technical review. As reported, the bill includes the changes required by technical review, which has been performed.

### SENATE ENVIRONMENT COMMITTEE

### STATEMENT TO

# [First Reprint] ASSEMBLY, No. 1169

# STATE OF NEW JERSEY

DATED: NOVEMBER 17, 1997

The Senate Environment Committee favorably reports Assembly Bill No. 1169 (1R).

The "Toxic Packaging Reduction Act," P.L.1991, c.520 (C.13:1E-99.44 et seq.) requires manufacturers of packaging or packaging materials to reduce the amounts of toxic substances added to packages or packaging components used to market products sold within New Jersey. The act is based on model legislation drafted by the Coalition of Northeastern Governors (CONEG). Eighteen states nationwide have enacted legislation based on the model.

This bill would revise the "Toxic Packaging Reduction Act" according to recommendations proposed by CONEG. The bill would extend to January 1, 2000 the exemption for packaging or packaging components with post-consumer waste material, and broaden that exemption to apply to recycled materials. The bill would clarify the definition of "incidental presence" and "intentionally introduced." The bill would also add an exemption for reusable packaging. Additional provisions of the bill provide for two year renewals of certain exemptions, incorporate an exemption for decorated glass and ceramic packaging, and define various terms. Finally, the bill revises a reference to the Source Reduction Task Force of CONEG.

This bill is identical to Senate Bill No. 2268.



TO:

INTERESTED PARTIES

FROM:

TRACEY L. TOTTEN

RE:

TOXICS IN PACKAGING CLEARINGHOUSE (TPCH)

- Change in Administration

DATE:

**DECEMBER 31, 1996** 

Created in the Fall of 1992, the Toxics in Packaging Clearinghouse was formed to encourage consistent implementation of individual state toxics in packaging laws through joint consideration of exemption and/or clarification requests. Through this forum, the Clearinghouse is recognized for its many acheivements, including the minimization of the administrative procedures for state and industry, and the creation of a centralized location for receipt and processing of written requests. However, in the face of resource constraints and other pressing issues now assuming greater prominence, the CONEG Policy Research Center will no longer administer the Clearinghouse.

If you were granted an exemption through the Clearinghouse and the exemption status is currently active, or if you are seeking an exemption and/or clarification to the Toxics in Packaging laws, please contact the appropriate state representative from the attached list. Additionally, if as a condition to your exemption approval, you were required to submit quarterly reports, you should forward this information directly to the appropriate state(s).

As of December 31, 1996 the Toxics In Packaging Clearinghouse (TPCH) is unable to process exemption and/or clarification requests. All correspondence should be directed to the individual state for processing.

Attachment

Post-it® Fax Note 7671	Date 3-/2_ pages ▶ 9
To Kay Palotz	From
Co./Dept.	Co.
Phone #	Phone #
Fax #/609 984-7901	Fax #
<u> </u>	



#### MODEL TOXICS IN PACKAGING LEGISLATION

#### Summary

The legislation calls for the reduction of lead, mercury, cadmium and hexavalent chromium in packaging or packaging materials used or sold within the state.

Manufacturers and distributors have two years to clear inventory and make necessary adjustments to their operations in order to comply with the law.

Manufacturers and distributors of packaging or packaging materials would be required to reduce the sum of the concentration levels of incidentally introduced lead, cadmium, mercury and hexavalent chromium to 600 parts per million two (2) years after the legislation is signed into law; 250 parts per million 3 years after it is signed into law; and 100 parts per million 4 years after it is signed into law. The legislation prohibits the intentional introduction of the four heavy metals during manufacturing or distribution.

The legislation provides an exemption for packaging made from recycled materials; packages and packaging components manufactured prior to the effective date of the legislation; packaging that is essential to the protection, safe handling or function of the package's contents for example, medical products related to radiation therapy, x-rays, etc.; packages and packaging components for which there is no feasible alternative; reusable packaging for products that are subject to other Federal or state health, safety, transportation, or disposal requirements (i.e., hazardous waste); packaging having a controlled distribution and reuse (i.e., beverage containers subject to mandatory deposit requirements); and packaging or packaging component that is glass or ceramic where the decoration has been vitrified and when tested, meets specific requirements.

Manufacturers and suppliers of packaging and packaging components are required to furnish a certificate of compliance to the purchasers of packaging. (This applies to companies who actually put their products in the package and does not apply to the retailer or the individual consumer). The public and the state have access to these certificates.

The legislation also provides for a review process by the state to determine the effectiveness of the Act. More specifically, that review will address the need to continue the recycling exemption and will determine if other toxic substances contained in packaging should be subject to reduction.



## The following states have enacted the CONEG Model Toxics in Packaging Legislation:

States Passed	Adoption Date	Compliance Date
■ Connecticut**+	June 6, 1990	June 6, 1992
• Florida	May 12, 1993	July 1, 1994
Georgia	July 1992	July 1, 1994
• Illinois	July 1992	July 1, 1994
• Iowa+	May 8, 1990	July 1, 1992
• Maine**+	April 4, 1990	April 1, 1992
<ul> <li>Maryland</li> </ul>	May 1992	July 1, 1993
• Minnesota+	June 4, 1991	August 1, 1993
• Missouri	July 1, 1993	July 1, 1994
• New Hampshire**+	April 27, 1990	April 27, 1992
<ul> <li>New Jersey**+</li> </ul>	January 20, 1992	January 1, 1993
■ New York**+	January 1, 1990	January 1, 1992
• Pennsylvania**+	December 2, 1994	December 2, 1996
• Rhode Island**+	July 5, 1990	July 1, 1992
• Vermont**+	June 26, 1990	July 1, 1992
<ul> <li>Virginia</li> </ul>	April 1, 1994	July 1, 1995
<ul> <li>Washington</li> </ul>	May 21, 1991	July 1, 1993
• Wisconsin	April 27, 1990	June 1, 1992

<sup>\*\*</sup> CONEG states

as of December 30, 1996

Hall of the States • 400 North Capitol Street • Suite 382 • Washington, D.C. 20001 • (202) 624-8450 • Fax (202) 624-8463

<sup>+</sup> Clearinghouse Member States

# Model Toxics in Packaging Legislation of CONEG Source Reduction Task Force

### Section 1. (Title)

### Section 2. The legislature finds and declares that:

- a. The management of solid waste can pose a wide range of hazards to public health and safety and to the environment;
- b. Packaging comprises a significant percentage of the overall solid waste stream;
- c. The presence of heavy metals in packaging is a part of the total concern in light of their likely presence in emissions or ash when packaging is incinerated, or in leachate when packaging is landfilled;
- d. Lead, mercury, cadmium and hexavalent chromium, on the basis of available scientific and medical evidence, are of particular concern;
- e. It is desirable, as a first step in reducing the toxicity of packaging waste, to eliminate the addition of these heavy metals to packaging; and
- f. The intent of this Act is to achieve this reduction in toxicity without impeding or discouraging the expanded use of post-consumer materials in the production of packaging and its components.

### Section 3. Definitions

"Package": means a container providing a means of marketing, protecting or handling a product and shall include a unit package, an intermediate package and a shipping container as defined in ASTM D996. "Package" shall also mean and include such unsealed receptacles as carrying cases, crates, cups, pails, rigid foil and other trays, wrappers and wrapping films, bags and tubs.

"Distributor": means any person, firm or corporation who takes title to goods purchased for resale.

"Packaging Component": means any individual assembled part of a package such as, but not limited to, any interior or exterior blocking, bracing, cushioning, weatherproofing, exterior strapping, coatings, closures, inks and labels. Tin-plated steel that meets the American Society for Testing and Materials (ASTM) specification A-623 shall be considered as a single package component. Electro-galvanized coated steel and hot dipped coated galvanized steel that meets the American Society for Testing and Materials (ASTM) specification A-525 and A-879 shall be treated in the same manner as tin-plated steel.

"Manufacturing" means: Physical or chemical modification of (a) material(s) to produce packaging or packaging components.

"Distribution" means: The practice of taking title to (a) package(s) or packaging components(s) for promotional purposes or resale. Persons involved solely in delivering (a) package(s) or packaging component(s) on behalf of third parties are not considered distributors.

"Manufacturer" means: Any person, firm, association, partnership, or corporation producing (a) package(s) or packaging component(s) as defined in this Act.

"Supplier" means: Any person, firm, association, partnership, or corporation who sells, offers for sale, or offers for promotional purposes packages or packaging components which shall be used by any other person, firm, association, partnership, or corporation to package (a) product(s).

"Intentional Introduction" means: The act of deliberately utilizing a regulated metal in the formation of a package or packaging component where its continued presence is desired in the final package or packaging component to provide a specific characteristic, appearance, or quality.

The use of a regulated metal as a processing agent or intermediate to impart certain chemical or physical changes during manufacturing, whereupon the incidental retention of a residue of said metal in the final package or packaging component is neither desired nor deliberate, is not considered intentional introduction for the purposes of this Act where said final package or packaging component is in compliance with subsection c of Section 4 of this Act.

The use of recycled materials as feedstock for the manufacture of new packaging materials, where some portion of the recycled materials may contain amounts of the regulated metals, is not considered intentional introduction for the purposes of this Act where the new package or packaging component is in compliance with subsection c of Section 4 of this Act.

"Incidental Presence" means: The presence of a regulated metal as an unintended or undesired ingredient of a package or packaging component.

#### Section 4. Prohibition/Schedule for Removal of Incidental Amounts

<ul> <li>As soon as feasible but not later than two yes</li> </ul>	ars after the adoption of this Act, no package or
packaging component shall be offered for sale or	r for promotional purposes by its manufacturer or
distributor in the state of, wh	ich includes, in the package itself or in any
packaging component, inks, dyes, pigments, adh	esives, stabilizers or any other additives, any
lead, cadmium, mercury or hexavalent chromiun	n which has been intentionally introduced as an
element during manufacturing or distribution as	opposed to the incidental presence of any of
these elements.	

- b. As soon as feasible, but not later than two years after the adoption of this Act, no product shall be offered for sale or for promotional purposes by its manufacturer or distributor in the state of \_\_\_\_\_\_\_ in a package which includes, in the package itself or in any of its packaging components, inks, dyes, pigments, adhesives, stabilizers or any other additives, any lead, cadmium, mercury or hexavalent chromium which has been intentionally introduced as an element during manufacturing or distribution as opposed to the incidental presence of any of these elements.
- c. The sum of the concentration levels of lead, cadmium, mercury and hexavalent chromium present in any package or packaging component shall not exceed the following:
  - 600 parts per million by weight (0.06%) effective two (2) years after adoption of this statute;
  - 250 parts per million by weight (0.025%) effective three (3) years after adoption of this statute; and
  - 100 parts per million by weight (0.01%) effective four (4) years after adoption of this statute.

### Section 5. Exemptions

All packages and packaging components shall be subject to this Act except the following:

- a. those packages or package components with a code indicating date of manufacture that were manufactured prior to the effective date of this statute; or
- b. those packages or packaging components to which lead, cadmium, mercury or hexavalent chromium have been added in the manufacturing, forming, printing or distribution process in order to comply with health or safety requirements of Federal law, provided that the manufacturer of a package or packaging component must petition the [State administrative agency] for any exemption from the provisions of this subsection for a particular package or packaging component based upon either criterion; and provided further that the [State

administrative agency] may grant an exemption for up to two years if warranted by the circumstances; and provided further that such an exemption may, upon reapplication for exemption and meeting the criteria of this subsection, be renewed at two-year intervals; or

- c. packages and packaging components that would not exceed the maximum contaminant levels set forth in subsection c of Section 4 of this Act but for the addition of recycled materials; and provided that the exemption for this subparagraph shall expire January 1, 2000; or
- d. those packages or packaging components to which lead, cadmium, mercury or hexavalent chromium have been added in the manufacturing, forming, printing or distribution process for which there is no feasible alternative, provided that the manufacturer of a package or packaging component must petition the [State administrative agency] for any exemption from the provisions of this subsection for a particular package or packaging component based upon the criterion; and provided further that the [State administrative agency] may grant an exemption for up to two years if warranted by the circumstances; and provided further that such an exemption may, upon reapplication for exemption and meeting the criterion of this subsection, be renewed at two-year intervals. For purposes of this subsection, a use for which there is no feasible alternative is one in which the regulated substance is essential to the protection, safe handling, or function of the package's contents; or
- e. packages and packaging components that are reused but exceed contaminant levels set forth in subsection c of Section 4 of this Act, provided that the product being conveyed by such package and/or the package/packaging component is (are) regulated under Federal and/or State health or safety requirements; and provided that transportation of such packaged product is regulated under Federal and/or State transportation requirements, and provided that disposal of such package is preformed according to Federal and/or State radioactive or hazardous waste disposal requirements, and provided that an exemption under this subparagraph shall expire on January 1, 2000; or
- f. packages and packaging components having a controlled distribution and reuse that exceed the contaminant levels set forth in subsection c of Section 4 of this Act, provided that the manufacturer or distributor of such packages or packaging components must petition the (State administrative agency) for exemption and receive approval from the (State administrative agency, working with the CONEG Toxics in Packaging Clearinghouse) according to standards in subsection f.1 below set by such agency and based upon satisfactory demonstrations that the environmental benefit of the controlled distribution and reuse is significantly greater as compared to the same package manufactured in compliance with the contaminant levels set forth in subsection c of Section 4; and provided that an exemption under this subparagraph shall expire on January 1, 2000; and
  - fl. Standards A plan, to be proposed by the manufacturer seeking the exemption of his designee, shall include each of the following elements:

- i. a means of identifying in a permanent and visible manner those reusable entities containing regulated metals for which an exemption is sought;
- ii. a method of regulatory and financial accountability so that a specified percentage of such reusable entities manufactured and distributed to other persons are not discarded by those persons after use, but are returned to the manufacturer or his/her designee;
- iii. a system of inventory and record maintenance to account for reusable entities placed in, and removed from, service;
- iv. a means of transforming returned entities, that are no longer reusable, into recycled materials for manufacturing or into manufacturing wastes which are subject to existing Federal and/or State laws or regulations governing such manufacturing wastes to ensure that these wastes do not enter the commercial or municipal waste stream; and
- v. a system of annually reporting to the (appropriate State administrative agency) changes to the system and changes in designees.
- g. a package or packaging component that is glass or ceramic which has a vitrified decoration and when tested in accordance with the Toxicity Characteristic Leaching Procedures of USEPA Test Method SW-846 does not exceed 1.0 ppm for cadmium and 5.0 for lead; and provided that an exemption under this subparagraph shall expire on January 1, 2000.

## Section 6. Certificate of Compliance

As soon as feasible, but not later than two years after the adoption of this Act, a Certificate of Compliance stating that a package or packaging component is in compliance with the requirements of this Act shall be turnished by its manufacturer or supplier to its purchaser provided, however, where compliance is achieved under the exemption(s) provided in subsection 5 b or c, the Certificate shall state the specific basis upon which the exemption is claimed. The Certificate of Compliance shall be signed by an authorized official of the manufacturing or supplying company. The purchaser shall retain the Certificate of Compliance for as long as the package or packaging component is in use. A copy of the Certificate of Compliance shall be kept on file by the manufacturer or supplier of the package or packaging component. Certificates of Compliance, or copies thereof, shall be furnished to the [state administrative agency] upon its request and to members of the public in accordance with section 9.

If the manufacturer or supplier of the package or packaging component reformulates or creates a new package or packaging component, the manufacturer or supplier shall provide an amended or new Certificate of Compliance for the reformulated or new package or packaging component.

#### Section 7. Enforcement

[Each state to add its own enforcement provisions]

### Section 8. State Review

[The state administrative agency] shall, in consultation with the Source Reduction Task Force of CONEG, review the effectiveness of this Act no later than forty-two (42) months after its adoption and shall provide a report based upon that review to the Governor and legislature. The report may contain recommendations to add other toxic substances contained in packaging to the list set forth in this Act in order to further reduce the toxicity of packaging waste, and a description of the nature of the substitutes used in lieu of lead, mercury, cadmium, and hexavalent chromium.

[The State administrative agency] shall, in consultation with the Source Reduction Task Force of CONEG, review the extension of the recycling exemption as it is provided for in subsection c of Section 5 of this Act. This review shall commence no later than January 1, 1997. A report based upon that review shall be provided to the Governor and Legislature by January 1, 1999.

### Section 9. Public Access

Any request from a member of the public for any Certificate of Compliance from the manufacturer or supplier of a package or packaging component shall be:

- a. Made in writing with a copy provided to the [state administrative agency];
- b. Made specific as to package or packaging component information requested; and
- c. Responded to by the manufacturer or supplier within 60 days.

### Section 10. Effective Date

This Act shall become effective immediately upon adoption.

### Section 11. Severability and Construction

The provisions of this Act shall be severable, and if any court declares any phase, clause, sentence, or provision of this Act to be invalid, or its applicability to any government, agency, person, or circumstance is declared invalid, the remainder of the Act and its relevant applicability shall not be affected. The provisions of this Act shall be liberally construed to give effect to the purposes thereof.

As revised, December 1996.