

Gina Ciganik



Senior Advisor - Housing Innovation,
Healthy Building Network

Gina is responsible for integrating and scaling healthy materials into the affordable housing sector. For over two decades, Gina has been committed to improving community well being through innovative health, sustainability, and housing solutions. In her recent past role as Vice President of Housing Development for Aeon, Gina led the financing and development of thousands of Twin Cities affordable housing units.

Gina is recognized locally and nationally for advancing policy initiatives and producing healthy and ultra-high-performance affordable housing. Gina was named to Finance and Commerce's Top Women in Finance (2012 & 2015), and inducted into the Circle of Excellence in 2015. She is a graduate of the Achieving Excellence in Community Development program at Harvard University's JFK School of Government, and holds a B.S degree in Housing from the University of Minnesota.

hbn HEALTHY BUILDING NETWORK

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www.healthybuilding.net

Pharos

Home Sweet Home??



What our home is made from...



1976 Toxic Substance Control Act

800,000



Environmental
Protection
Agency –
Required Testing

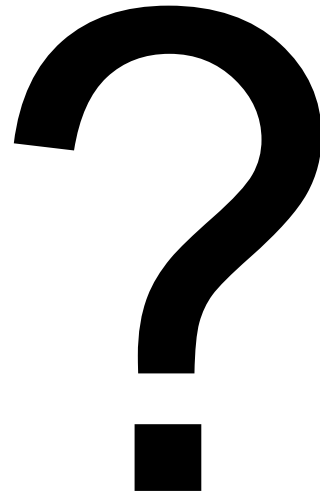
2000



5

Regulated
Chemicals

Who Else is Affected





Manufacturing Industry



Fence Line Communities



200+ Industrial Chemicals



Aligning & Leveraging Leadership

- Healthy Affordable Materials for All



THE
NEW
SCHOOL

PARSONS



Health Product Declaration Collaborative



Organizing the Movement



www.healthybuilding.net

www.healthymaterialslab.org



Tools and Resources



Health Product Declaration Collaborative



Declare.

**Advanced Vegetative Roof System Tray
Columbia Green Technologies**

Final Assembly: Washougal, WA, USA
Life Expectancy: 30 YEARS
End of Life Options: Recyclable (100%)

Ingredients:

Tray: Adipic Acid, Polypropylene Copolymer, Talc, Ethene-1-Octene Copolymer, Ethylene-Propylene-Ethylidennorbornene, Water, Diatomaceous Earth Flux Calcined (Orlando, FL); **Pins:** Nylon 6/6 Black

Living Building Challenge Criteria:

CGT-0001	EXP: 10/1/2013
LBC ZONE 5	07 50 00
Declaration Status	<input checked="" type="checkbox"/> LBC Red List Free
	<input type="checkbox"/> LBC Compliant
	<input type="checkbox"/> Declared





MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY
INTERNATIONAL LIVING FUTURE INSTITUTE™ declareproducts.com

1680 Dura-Poxy+ Gloss Enamel

Kelly Moore Paint Company

- General Information
- Hazard Summary**
- Contents
- Life Cycle Research
- VOCs
- GreenScreen
- Locations
- Performance and Warranty
- Sources

Direct Content Hazards:

CANCER	 Intl Agency for Rsrch on Cancer - Cancer Monographs - Group 1: Agent is carcinogenic to humans - <i>from QUARTZ</i>	+ 26
DEVELOPMENTAL	 US NIH - Reproductive & Developmental Monographs - A-Clear evidence of adverse developmental toxicant effects - <i>from ETHYLENE GLYCOL</i>	+ 6
ENDOCRINE	 EC - Priority Endocrine Disrupters - Category 1 - In vivo evidence of endocrine disruption activity - <i>from STYRENE</i>	+ 2
GENE MUTATION	 New Zealand HSNO/GHS - 6.6B - Suspected human mutagens - <i>from STYRENE</i>	+ 1

Avoided Hazard Index

Associated Hazard	Linoleum + Adhesive	Vinyl Sheet Floor + Adhesive	Pounds of Avoided Hazard
Persistent and Bioaccumulative Toxins	none	16.2 lbs	16.2
Occupational Carcinogens	.05 lbs	3.26 lbs	3.21
Carcinogens & Mutagens	0.1 lbs	34.9 lbs	34.8
Developmental & Reproductive Toxicants	9 lbs	36.3 lbs	27.3
Asthmagens	181.9 lbs	227 lbs	45.1
Based on 1,000 SF – approx size of a 2 BR Apartment			126.61

Do The Math



**126 lbs x 90 units =
11,340 lbs =
5.67 Tons Avoided**

**Reminder: This is one product in
one building!!!!**

Case Studies: The Rose – Minneapolis



Call to Action...Ask

