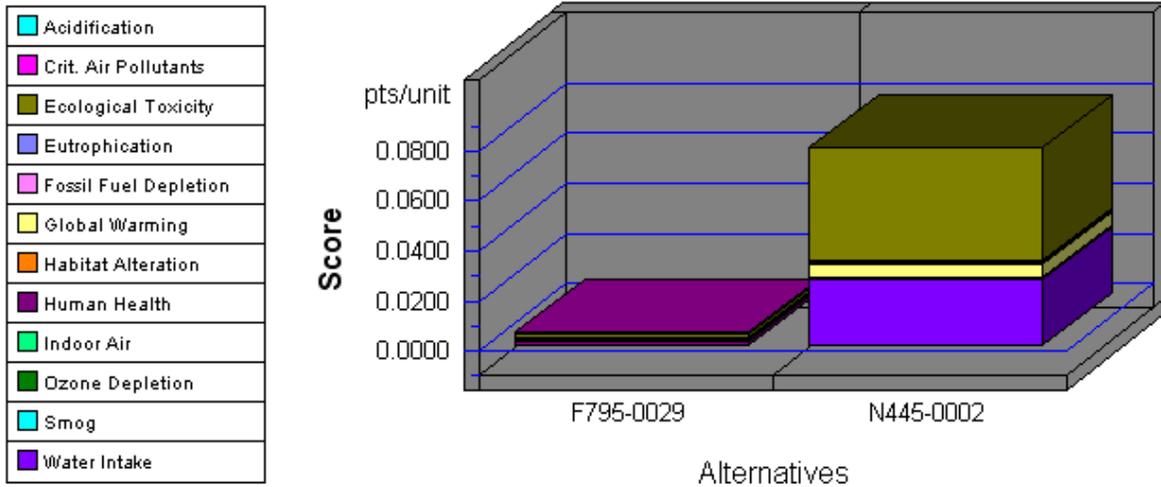


Environmental Performance



Note: Lower values are better

Category	F795-0029	N445-0002
Acidification--3%	0.0000	0.0000
Crit. Air Pollutants--9%	0.0001	0.0000
Ecolog. Toxicity--7%	0.0016	0.0450
Eutrophication--6%	0.0012	0.0008
Fossil Fuel Depl.--10%	0.0004	0.0004
Global Warming--29%	-0.0001	0.0055
Habitat Alteration--6%	0.0000	0.0000
Human Health--13%	0.0013	0.0005
Indoor Air--3%	0.0000	0.0000
Ozone Depletion--2%	0.0000	0.0000
Smog--4%	0.0002	0.0005
Water Intake--8%	0.0003	0.0262
Sum	0.0050	0.0789

BEES Results: Blast Media

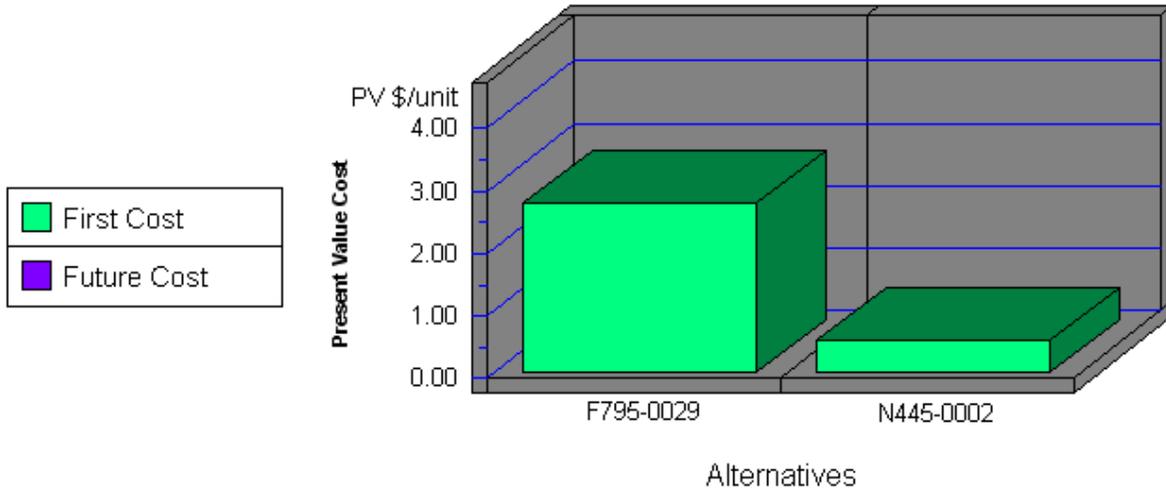
BioPreferred ID# F795-0029

BioPreferred ID# N445-0002

Units: 1 ft² of surface treatment

Blast Media			
Impacts	Units	F795-0029	N445-0002
Acidification	millimoles H ⁺ equivalents	4.44E+02	7.26E+02
Criteria Air Polutants	microDALYs	1.22E-01	6.05E-02
Ecotoxicity	g 2,4-D equivalents	1.81E+01	5.24E+02
Eutrophication	g N equivalents	3.81E+00	2.58E+00
Fossil Fuel Depletion	MJ surplus energy	1.32E+00	1.41E+00
Global Warming	g CO ₂ equivalents	-1.17E+02	4.81E+03
Habitat Alteration	T&E count	0.00E+00	0.00E+00
Human Health--Cancer	g C ₆ H ₆ equivalents	8.22E-01	3.12E-01
Human Health--NonCancer	g C ₇ H ₈ equivalents	1.55E+03	3.24E+02
Indoor Air Quality	g TVOCs	0.00E+00	0.00E+00
Ozone Depletion	g CFC-11 equivalents	2.24E-06	2.08E-08
Smog	g NO _x equivalents	6.16E+00	1.75E+01
Water Intake	liters of water	2.26E+01	1.74E+03
Functional Unit	-----	1 ft ² surface treatment	
<p>1 Following are more complete descriptions of units: Acidification: millimoles of hydrogen ion equivalents; Criteria Air Pollutants: micro Disability-Adjusted Life Years; Ecological Toxicity: grams of 2,4-dichlorophenoxy-acetic acid equivalents; Eutrophication: grams of nitrogen equivalents; Fossil Fuel Depletion: megajoules of surplus energy; Global Warming: grams of carbon dioxide equivalents; Habitat Alteration: threatened and endangered species count; Human Health-Cancer: grams of benzene equivalents; Human Health-NonCancer: grams of toluene equivalents; Indoor Air Quality: grams of Total Volatile Organic Compounds; Ozone Depletion: grams of chloroflourocarbon-11 equivalents; Smog: grams of nitrogen oxide equivalents; and Water Intake: liters of water.</p>			

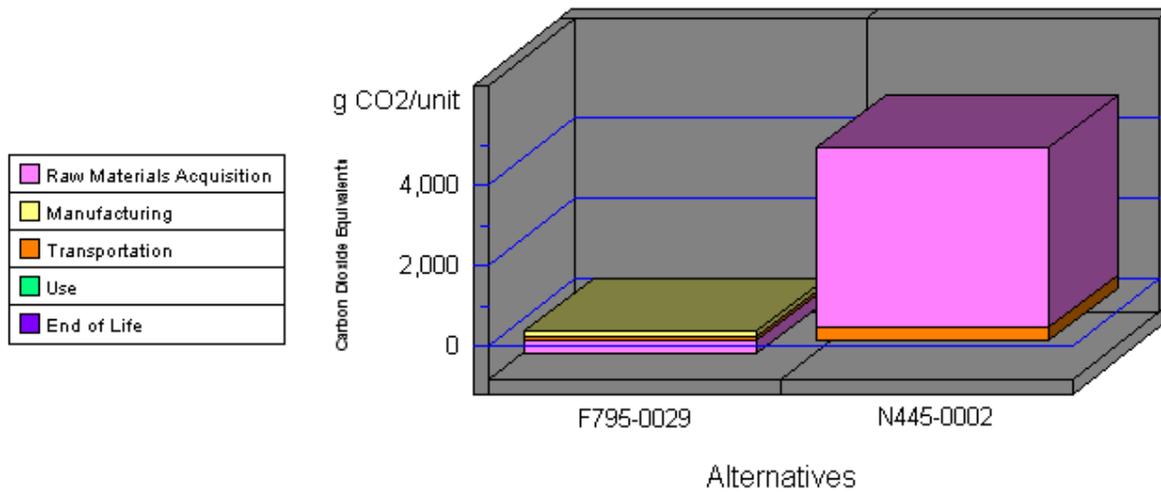
Economic Performance



Category	F795-0029	N445-0002
First Cost	2.73	0.54
Future Cost-- 3.0%	0.00	0.00
Sum	2.73	0.54

*This is a consumable product. Therefore, future costs are not calculated.

Global Warming by Life-Cycle Stage



Note: Lower values are better

Category	F795-0029	N445-0002
1. Raw Materials	-338	4456
2. Manufacturing	100	2
3. Transportation	120	351
4. Use	0	2
5. End of Life	0	0
Sum	-117	4811

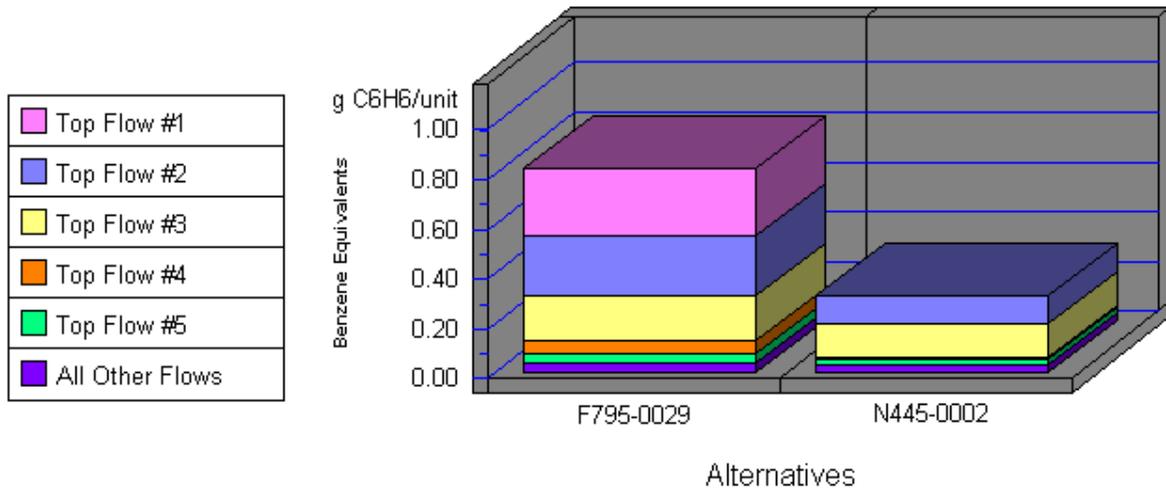
BEES Results: Blast Media

BioPreferred ID# F795-0029

BioPreferred ID# N445-0002

Units: 1 ft² of surface treatment

Human Health Cancer by Sorted Flows*



Note: Lower values are better

Category	F795-0029	N445-0002
Cancer--(a) Atrazine (C8H14ClN5)	0.27	0.00
Cancer--(w) Phenol (C6H5OH)	0.24	0.12
Cancer--(w) Arsenic (As3+, As5+)	0.19	0.13
Cancer--(a) Arsenic (As)	0.05	0.01
Cancer--(a) Dioxins (unspecifie)	0.04	0.02
All Others	0.04	0.04
Sum	0.82	0.31

*Sorted by five topmost flows for worst-scoring product

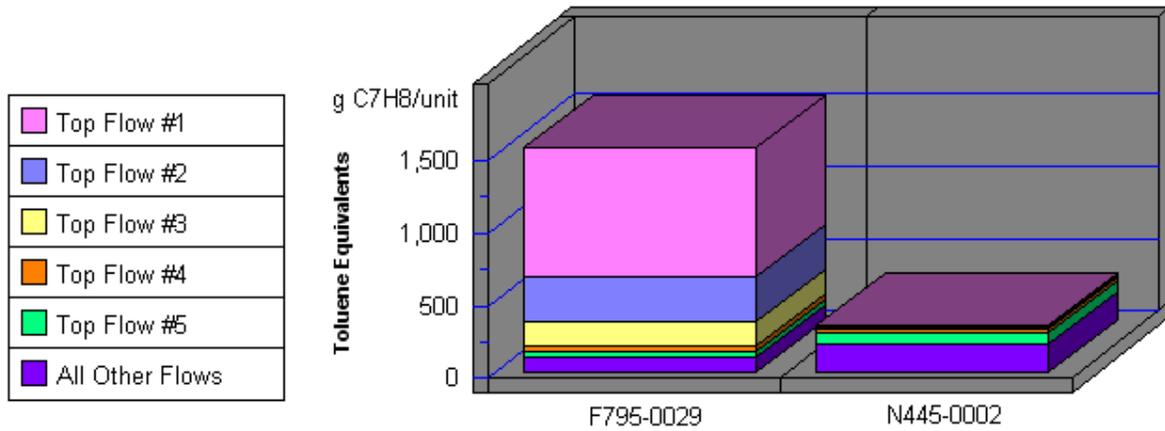
BEES Results: Blast Media

BioPreferred ID# F795-0029

BioPreferred ID# N445-0002

Units: 1 ft² of surface treatment

Human Health Noncancer by Sorted Flows*



Alternatives

Note: Lower values are better

Category	F795-0029	N445-0002
Noncancer--(a) Mercury (Hg)	887.92	9.51
Noncancer--(w) Mercury (Hg+, Hg)	315.71	9.33
Noncancer--(a) Lead (Pb)	156.09	4.00
Noncancer--(a) Dioxins (unspeci)	49.16	23.83
Noncancer--(w) Barium (Ba++)	36.95	78.38
All Others	105.56	199.44
Sum	1,551.39	324.48

*Sorted by five topmost flows for worst-scoring product