

Environmentally Preferable Traffic Control Products in Alameda County

Throughout the nation, local and state transportation departments have approved for use high-quality road and highway products made with recycled materials. These agencies are purchasing a variety of products, including recycled content traffic cones, traffic barricades, channelizers, delineators, parking stops, sound barriers, seismic joints, object markers, reflective glass beads and much more.

Over a dozen recycled items are found on the California Department of Transportation's "Prequalified Products List for Tested Signing and Delineation Materials," for example. For Caltrans-approved products made with recycled content, please refer to the Appendix.

These traffic control products have been found to deliver high performance and often reduce maintenance costs.



Traffic Control Products Containing Recovered Materials

The U.S. Environmental Protection Agency (EPA) recommends minimum recycled content levels to look for when purchasing traffic control products, as shown in the table on the next page. Rather than specifying just one level of recycled content, ranges are offered that reflect actual market conditions.

When purchasing products, make sure to specify postconsumer recycled content or total recovered materials content. In California, "made from California waste or recycled tires" can also be specified.

Benefits of Recycled Content

The benefits of Recycled Content Traffic Products may include:

- ✓ Durable and resilient to various climates and exposure to elements
- ✓ Low installation and maintenance
- ✓ Weighs less than many non-recycled product substitutes
- ✓ Reduced cost
- ✓ Variety of product options

■ EPA's Recommended Content Levels for Transportation Products

TRANSPORTATION PRODUCTS	RECOVERED MATERIAL CONTENT
Traffic Cones	
Plastic (PVC and LDPE)	50-100%
Crumb Rubber	50-100%
Traffic Barricades (type I and II only)	
Plastic (HDPE, LDPE, PET)	80-100% postconsumer/100% total
Parking Stops	
Plastic and/or Rubber	100% postconsumer
Concrete Containing Coal Fly Ash	Generally, 20-30%, but could be up to 40%. 15% when used as a partial cement replacement as an admixture in concrete
Concrete Containing Ground Granulated Blast Furnace Slag	25-70%
Traffic Control Devices: Channelizers	
Plastic	25-95% postconsumer
Rubber (base only)	100% postconsumer
Traffic Control Devices: Delineators	
Plastic	25-90% postconsumer
Rubber (base only)	100% postconsumer
Flexible Delineators	25-85% postconsumer

source: www.epa.gov/epawaste/conserves/tools/cpg/products/transportation.htm

Traffic Cones

Traffic cones are used to direct traffic or indicate a road hazard.

Postconsumer plastics (PVC or LDPE) are used in the upper portion of the cones. Recycled crumb rubber or plastics can be used in the base or stabilizer.

“These light-weight orange cones are great. They’re easy to work with and may eliminate some potential back injuries. It is also a pleasure to have purchased recycled materials.”

– Castro Valley Sanitary District Staff



Barricades

Traffic barricades are used to redirect or block traffic usually associated with highway construction or repair. Barricades can be made from wood, steel, plastic or a combination of these materials. Many manufacturers have switched to the use of recycled materials in both the supporting frame and rails of the barricades.

“Our recycled plastic barricades have worked quite well for the last 4-5 years. They hold up better than metal, and there's no rust or corrosion. They don't become potential projectiles when hit, and they're light and easy to use.”

– City of Oakland Staff

Traffic Control Devices – Delineators and Channelizers

Delineators are temporary pavement markers available in a variety of shapes and sizes. Most of the recycled delineators are manufactured from postconsumer plastics, such as PET (soda bottles) or polycarbonate plastic (CDs).

Delineator bases are either steel stakes that are driven into the ground or rubber (postconsumer or virgin) to support the delineator on the road surface. Flexible delineators have stakes that are driven into the ground to strengthen their flexibility when struck by a vehicle.

Channelizers are relatively large barrels or drums that direct traffic around areas of road repair and construction. Channelizers can be constructed from postconsumer plastics and/or rubber (usually in the base for weight and stability).



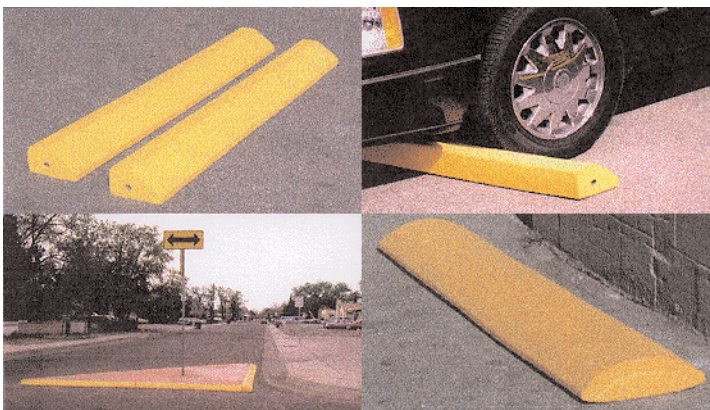
Case Study: Performance, Flexibility and Safety

The City of Livermore in California has been using several recycled-content, traffic control devices successfully, namely traffic cones, barricades and traffic-calming devices (or flexible curb systems).

Cones with recycled rubber bases and barricades made from recycled plastic are used for special events and for traffic control and work-zone safety.

The traffic-calming devices are removable, providing City staff the flexibility to assess whether or not such devices would actually slow the speed of automobiles in several residential neighborhoods. After many months, staff concluded that these devices, made from recycled rubber tires, performed as needed – slowing cars down and increasing the safety of neighborhood children. The curb systems will continue to be reused and tested in other areas of Livermore before the City decides on permanent curbing and landscaping.

Parking Stops, Speed Bumps/Humps and Chock/Wheel Blocks



Parking stops are used in parking areas to mark parking spaces and to keep vehicles from rolling beyond a designated area.

Recycled content parking stops are generally made from recycled plastic, rubber or concrete containing recovered materials (coal fly ash or ground granulated blast furnace slag).

Speed bumps are used to calm or slow vehicle traffic down to 5-15 miles per hour and can be made from recycled plastic or rubber. Speed bumps are generally 10-12 inches wide in the driving direction and 2-4 inches tall.

On the other hand, **speed humps** are 12-14 feet long in the vehicular driving direction and about 3 inches high. Speed humps are designed for 25-40 miles per hour.

Both speed bumps and humps can be made from recycled rubber.

Chock/Wheel Blocks placed against vehicle tires help prevent vehicles from moving. Most recycled wheel blocks contain 80-100% postconsumer recycled plastic or rubber.

A Case Study for Parking Stops: Finding Value and Savings

Dow Chemical in Pittsburg, CA, installed 400 three-foot wheel stops in their parking lot made from tires recycled in California. Each wheel stop uses two tires, which means this installation has diverted 800 tires from landfills!

BENEFITS

- ✓ Lasts longer compared to conventional concrete
- ✓ Maintenance-free
- ✓ Easy to install (3- and 6-foot lengths available)
- ✓ Lightweight
- ✓ Reduced risk of damage to vehicles



Throughout California, sign bases made from recycled tires have proven benefits:

- ✓ One to three recycled tires are used in each sign base, diverting scrap tires from the landfill.
- ✓ The heavy weight of the recycled tire rubber provides stability for a variety of portable signs and posts.
- ✓ Rubber bases are reboundable or detach upon impact.
- ✓ They can be used in pedestrian zones, near K-12 schools, in parking garages and at public events.

Traffic Paint

A comprehensive resource for buying less toxic and environmentally preferable traffic paint was prepared for the Washington State Department of Enterprise Services. Funded by the National Association of State Procurement Officials (NASPO), the Green Purchasing Best Practices Guide to Traffic Paint offers specifications, tips for preparing and evaluating bid documents, and information on the types and availability of “green” products.

The Guide points to the following preferred environmental criteria:

- ✓ Waterborne (water-based)
- ✓ 100 g/l VOC limit as set by the South Coast Air Quality Management District (SCAQMD)
- ✓ Free of lead, chromium and other toxic heavy metals

Source: www.responsiblepurchasing.org/purchasing_guides/traffic_paint/naspo_rpn_traffic_paint_purchasing_guide.pdf

Vendor and Product Resources

A **sample listing of traffic control products** made with recycled content (many approved by Caltrans) – delineators, traffic cones, barricades, channelizers, parking stops, speed bumps, sound barriers, object markers and reflective glass beads/spheres is included in the Appendix at the end of this Fact Sheet. Local sources for these products are listed.

For local agencies interested in Caltrans-approved products, check the **California Department of Transportation’s List of Prequalified Products** (www.dot.ca.gov/hq/esc/approved_products_list), including signing and delineation materials, high-performance retroreflective glass-bead products and traffic paint, among others. This list is updated regularly but it does not indicate which products have recycled content and which do not.

CalRecycle (California Department of Resources Recycling and Recovery) provides a wealth of information on products made from waste tires (Tire-Derived Products, or TDP) at www.calrecycle.ca.gov/Tires/Products/default.htm. For a traffic control product catalog, list of vendors, product descriptions and case studies: www.calrecycle.ca.gov/Tires/Products/Types/Traffic.htm

Additional Resources

There are many resources available to help identify recycled content products and their performance, see sample bids and specifications, and read case studies of successful programs.

- ✓ **StopWaste** offers technical assistance to Alameda County public agencies and businesses for purchasing environmentally preferable products. For resources such as additional fact sheets, guides and links to other helpful environmental purchasing websites and documents: www.stopwaste.org/EPP
Contact Debra Kaufman at dkaufman@stopwaste.org for information about environmentally preferable purchasing and technical assistance to local governments in Alameda County.
To find out how and where to recycle any type of recyclable item in Alameda County, use the online search tool “RecycleWhere?”: www.stopwaste.org/recycle
- ✓ **Alameda County and the General Services Agency** are committed to sharing their resources and experiences to promote green purchasing in public agencies. For policies, success stories, bids, specifications and other resources: www.acsustain.org
- ✓ **CalRecycle** (California Department of Resources Recycling and Recovery) provides a collection of tools and resources to help individuals and organizations initiate or improve their environmentally preferable purchasing performance. For buying products, selling products and California specifications and standards: www.calrecycle.ca.gov/epp/Resources/default.htm
- ✓ **The U.S. EPA Environmentally Preferable Purchasing Program** (www.epa.gov/epp) offers many tools and resources to find and evaluate information about green products and services and calculate the costs and benefits of purchasing choices.

Disclaimer: The information provided in this Fact Sheet should be considered by public agency and business purchasers who are interested in buying environmentally preferable products. It is provided as a public service by StopWaste in an attempt to provide environmental benefits and reduce costs. The information on products listed is supplied by the manufacturers. Listing in this Fact Sheet is not a recommendation or an endorsement. This Fact Sheet is not a substitute for the exercise of sound judgment in particular circumstances and is not intended as recommendations for particular products or processes.

This Fact Sheet was last updated in January 2015 by Kies Strategies and Tabor Consulting Group on behalf of StopWaste.

Appendix

Sample of Recycled Content Traffic Control Products and Sources

The product types are specific to Caltrans specifications. Ask the distributor for alternative recycled content product types that may better suit your needs.

Product information is supplied by the manufacturers and is not verified. Exercise sound judgment and research products for your specific application. The information listed is subject to change and does not represent all available sources for products. Refer to the resources provided in this Fact Sheet for additional information.

Delineators – Flexible

Recycled Products Available	Caltrans Prequalified and Tested Products	Type	Company	%Recycled / Material Content	Distributors in Bay Area
Flexi-Guide FG 400 and 500 Guide Posts	Pexco/Davidson Traffic Control Products, Flexi-Guide Models 400 and 566	Class I, one piece drivable flexible	Pexco/Davidson Traffic Control Products Tacoma, WA Local Rep: Bill Daly (408) 431-8689 www.pexco.com/traffic	5% postconsumer/ 50% total recycled (recycled polycarbonate plastic)	Bay Area Barricades Concord, CA (925) 686-1089 Contact: Craig
	Pexco/Davidson Traffic Control Products, Flexi-Guide Model FG 560	Class I, special use flexible type			Statewide Traffic Safety San Jose, CA (408) 993-9770 Contact: Craig Nielsen
					Interstate Traffic Control Product San Carlos, CA (650) 591-2300 Contact: Mark Dellamonica

Delineators – Flexible (Cont.)

Recycled Products Available	Caltrans Prequalified and Tested Products	Type	Company	%Recycled / Material Content	Distributors in Bay Area
All FlexStake Ground Mount Series	FlexStake Model 654 TM	Class I, one piece drivable flexible	FlexStake Fort Myers, FL (800) 348-9839 www.flexstate.com	Minimum 51% postconsumer (PET, polycarbonate plastic)	ACME Safety and Supply National City, CA (619) 299-5100 Contact: Richard
	FlexStake, Model 604	Class I, special use			Safety Network, Fresno, CA (559) 291-8000, Contact: Leonard
	FlexStake, Models 704, 754 TM, and EB4	Class I, surface mount			Westco Parking Pacifica, CA Wolfgang Keiser 650-355-0635 (800) 978-4621
All GreenLine Delineators and Markers	GreenLine Model CGD1-66	Class I, one piece drivable flexible	Carsonite Composites Newberry, SC (800) 648-7916 www.carsonite.com	50% postconsumer/ 100% total recycled (polycarbonate plastic-ground up CDs)	Sierra Highway Safety Walnut Creek, CA (800) 558-5850 Contact: Bill Thurston
	GreenLine Model CGD	Class I, special use			
Shur-Tite Products	Shur-Flex Drivable	Class I, special use	Shur-Tite Products Round Rock, TX (512) 218-9500 www.shur-tite.com	No less than 70% post-consumer (HDPE plastic)	Zumar Industries Santa Fe Springs, CA (562) 941-4633 Contact: T.J. Thibert

Delineators – Conical

Recycled Products Available	Caltrans Prequalified and Tested Products	Type	Company	%Recycled / Material Content	Distributors in Bay Area
Channelizer Cone	42" Channelizer Cone C-42	Portable, stackable	Work Area Protection St. Charles, IL (800) 327-4417 www.workareaprotection.com	100% postconsumer rubber base (recycled tires)	S&S Supplies and Solutions Martinez, CA (925) 313-0363 Contact: Charlee Holmes
					D&M Traffic Services Santa Clara, CA (408) 436-1127 Contact: Alan Keen
Channelizer Cone	TD7500 Ringtop Slim-Line Channelizer	Portable, stackable	Three D Plastics Burbank, CA (877) 843-9757 www.trafficwks.com	100% postconsumer rubber base	Bay Area Barricades Concord, CA (925) 686-1089 Contact: Craig

Delineators – Guard Railing

Recycled Products Available	Caltrans Prequalified and Tested Products	Type	Company	%Recycled / Material Content	Distributors in Bay Area
GreenLine Guard Railing Delineator	GreenLine GRD 27	Guard Railing Delineator, wood post type	Carsonite Composites Newberry, SC (800) 648-7916 www.carsonite.com	51-100% postconsumer content (polycarbonate plastic-ground up CDs)	Sierra Highway Safety Walnut Creek, CA (800) 558-5850 Contact: Bill Thurston

Delineators – Guard Railing (Cont.)

Recycled Products Available	Caltrans Prequalified and Tested Products	Type	Company	%Recycled / Material Content	Distributors in Bay Area
All FlexStake sizes	FlexStake Model 102 GR	Guard Railing Delineator, wood post type	FlexStake Fort Meyers, FL (800) 348-9839 www.flexstake.com	100% postconsumer (polycarbonate plastic)	ACME Safety and Supply National City, CA (619) 299-5100 Contact: Richard
					Safety Network Fresno, CA (559) 291-8000 Contact: Leonard
					Westco Parking Pacifica, CA Wolfgang Keiser 650-355-0635 (800) 978-4621
Guardrail Mount Delineators Model FG 427 and 527	Pexco/Davidson Traffic Control Products, Flexi-Guide Model FG 427 and 527	Guard Railing Delineator, wood post type	Pexco/Davidson Traffic Control Products Tacoma, WA Local Rep: Bill Daly (408) 431-8689 www.pexco.com/traffic	5% postconsumer/ 50% total recycled (recycled polycarbonate plastic)	Bay Area Barricades Concord, CA (925) 686-1089 Contact: Craig
					Statewide Traffic Safety San Jose, CA (408) 993-9770 Contact: Craig Nielsen
					Interstate Traffic Control Product San Carlos, CA (650) 591-2300 Contact: Mark Dellamonica
Shur-Tite Products	Shur-Flex Flat Mount	Guard Railing Delineator, wood post type	Shur-Tite Products Round Rock, TX (512) 218-9500 www.shur-tite.com	No less than 70% postconsumer (HDPE plastic)	Zumar Industries Santa Fe Springs, CA (562) 941-4633 Contact: T.J. Thibert

Channelizers

Recycled Products Available	Caltrans Prequalified and Tested Products	Type	Company	%Recycled / Material Content	Distributors in Bay Area
All FlexStake Channelizers, Surface Mount	FlexStake Channelizer Model 703 and 753 TM	Surface Mount	FlexStake Fort Meyers, FL (800) 348-9839 Contact: Cindy Horton www.flexstake.com	100% postconsumer (polycarbonate plastic)	ACME Safety and Supply National City, CA (619) 299-5100 Contact: Richard
					Safety Network Fresno, CA (559) 291-8000 Contact: Leonard
					Westco Parking Pacifica, CA Wolfgang Keiser 650-355-0635 (800) 978-4621
All GreenLine Models, Surface Mount	GreenLine Model SMD-36	Surface Mount	Carsonite Composites Newberry, SC (800) 648-7916 www.carsonite.com	50% postconsumer (polycarbonate plastic and recycled rubber base)	Sierra Highway Safety Walnut Creek, CA (800) 558-5850 Contact: Bill Thurston
Flexi-Guide, FG 300 Series	Flexi-Guide Models FG300PE, FG300UR and FG300EFX	Surface Mount	Pexco/Davidson Traffic Control Products Tacoma, WA Local Rep: Bill Daly (408) 431-8689 www.pexco.com/traffic	Base and curb are minimum 5% recycled thermoplastic	Bay Area Barricades Concord, CA (925) 686-1089 Contact: Craig
	Flexi-Guide (FG) 300 Curb System	Lane separation system			Statewide Traffic Safety San Jose, CA (408) 993-9770 Contact: Craig Nielsen
					Interstate Traffic Control Product San Carlos, CA (650) 591-2300 Contact: Mark Dellamonica

Channelizers (Cont.)

Recycled Products Available	Caltrans Prequalified and Tested Products	Type	Company	%Recycled / Material Content	Distributors in Bay Area
Boomerang Products	Three D Plastics TD5200 Series	Surface Mount	Three D Plastics Burbank, CA (877) 843-9757 Contact: Frank www.trafficwks.com	Tube - 70% postconsumer (HDPE plastic) Base - 100% secondary (urethane)	Bay Area Barricades Concord, CA (925) 686-1089 Contact: Craig
Shur-Tite Products	Shur-Flex	Surface Mount	Shur-Tite Products Round Rock, TX (512) 218-9500 www.shur-tite.com	No less than 70% postconsumer (HDPE plastic)	Zumar Industries Santa Fe Springs, CA (562) 941-4633 Contact: T.J. Thibert
	Shur-Curb Model SF0200	Lane Separation System			

Traffic Cones

Recycled Products Available	Meets Caltrans Internal Standards	Type	Company	%Recycled / Material Content	Distributors in Bay Area
Traffic Cone	Yes	Various sizes, one piece	Work Area Protection St. Charles, IL (800) 327-4417 www.workareaprotection.com	7-8% postconsumer (mostly in base/stabilizer) Made from PVC	S&S Supplies and Solutions Martinez, CA (925) 313-0363 Contact: Charlee Holmes D&M Traffic Services Santa Clara, CA (408) 436-1127 Contact: Alan Keen

Barricades

Recycled Products Available	Meets Caltrans Internal Standards	Type	Company	%Recycled / Material Content	Distributors in Bay Area
Traffic Barricade TD2100	Yes	Type I and Type II, depending on reflective sheeting	Three D Plastics Burbank, CA (877) 843-9757 Contact: Frank www.trafficwks.com	30% postconsumer (polypropylene), 65% secondary materials	Bay Area Barricades Concord, CA (925) 686-1089 Contact: Craig
Traffic Barricade TD2150 Econocade	Yes	Type I and Type II	Three D Plastics Burbank, CA (877) 843-9757 Contact: Frank www.trafficwks.com	95% postconsumer (HDPE plastic)	Bay Area Barricades Concord, CA (925) 686-1089 Contact: Craig
Workguard Barrier System	Not applicable	Safety barricade	Three D Plastics Burbank, CA (877) 843-9757 Contact: Frank www.trafficwks.com	100% postconsumer rubber base	Bay Area Barricades Concord, CA (925) 686-1089 Contact: Craig
TB3 Barricade	Yes	Type III barricade	Pexco/Davidson Traffic Control Products Tacoma, WA Local Rep: Bill Daly (408) 431-8689 www.pexco.com/traffic	Base and curb are minimum 5% recycled thermoplastic	Bay Area Barricades Concord, CA (925) 686-1089 Contact: Craig
TPAR Barricade, Temporary Pedictrain Access Route	Yes	Type II barricade			Statewide Traffic Safety San Jose, CA (408) 993-9770 Contact: Craig Nielsen
					Interstate Traffic Control Product San Carlos, CA (650) 591-2300 Contact: Mark Dellamonica

Parking and Traffic Control Devices

Recycled Products Available	Manufacturer	%Recycled / Material Content	Distributors in Bay Area	Purchasing Resources
Parking Stops and Speed Bumps	Bright Idea Shops, LLC Akron, Ohio 330-258-0168 www.brightideashops.com	100% postconsumer recycled plastic (HDPE)	Call manufacturer	GSA Advantage GS-07F-0212L
Parking Stops, Speed Bumps and Wheel Chocks	Plastic Recycling of Iowa FallsIowa Falls, Iowa (800) 338-1438 www.plasticrecycling.us	51%-75% postconsumer plastic	Call manufacturer	
Speed Bumps and Wheel Stops	Road Kare International Grand Prairie, TX www.roadkare.com (972) 623-9885	100% postconsumer plastic	Lake Traffic Solutions Walnut Creek, CA (925) 930-9603 www.laketraffic.com Contact: Art Lake	
Speed Cushions, Breakers, and Flexible Curbing		98% postconsumer rubber		
Speed Bumps	Millennium Molding Fontana, CA (951) 509-9393 www.mmolding.com	100% postconsumer rubber	Call manufacturer	
Speed Bumps, Wheel Stops, Speed Humps and Speed Cushion	Rubberform Recycled Products Lockport, NY 716-478-0404	100% postconsumer rubber	Call manufacturer	GSA Advantage GS-07F-0427N
Speed Cushions and Tables, Humps, Bumps, and Parking Curb	Traffic Logix Spring Valley, NY (866) 915-6449 www.trafficlogix.com	100% postconsumer rubber	Call manufacturer	
Wheel Stops	Yosemite Nursery Ripon, CA www.yosemitenursery.com Contact: Loren Jessop (209) 824-0341	100% postconsumer rubber	Call manufacturer	

Parking and Traffic Control Devices (Cont.)

Recycled Products Available	Manufacturer	%Recycled / Material Content	Distributors in Bay Area	Purchasing Resources
Speed Bumps and Parking Stops	American Recycled Plastics, Inc. Palm Bay, Florida (866) 674-1525 www.itsrecycled.com	20% postconsumer plastic (HDPE)	Call manufacturer	
Parking Stops	The Parking Block Store West Chester, PA (800) 683-9963	Rubber Stops - 100% postconsumer rubber Plastic Stops - 50% plus postconsumer plastic	Traffic Safety Store West Chester, PA (800) 429-9030 www.trafficsafetystore.com	

Sound Barriers

Recycled Products Available	Caltrans Prequalified Noise Barrier Systems	Company	%Recycled / Material Content	Distributors in Bay Area
Carsonite Sound Barrier	Yes	Carsonite Composites Newberry, SC (800) 648-7916 www.carsonite.com	Option to fill shell with recycled scrap tires; 4 pounds of tire per sq. ft.; CA tires can be requested	Sierra Highway Safety Walnut Creek, CA (800) 558-5850 Contact: Bill Thurston

Object Markers

Recycled Products Available	Caltrans Prequalified and Tested Products	Type	Company	%Recycled / Material Content	Distributors in Bay Area
FlexStake, Model 701KM	Type "K" and Type "Q" Object Markers	FlexStake, Model 701KM	FlexStake Fort Meyers, FL (800) 348-9839 Contact: Cindy Horton www.flexstake.com	51% postconsumer recycled plastic	ACME Safety and Supply, National City, CA (619) 299-5100 Contact: Richard
					Safety Network, Fresno, CA (559) 291-8000, Contact: Leonard
					Westco Parking, Pacifica, CA, Wolfgang Keiser 650- 355-0635, (800) 978-4621
Boomerang	Type "K" and Type "Q" Object Markers	Boomerang TD5200	Three D Plastics Burbank, CA (877) 843-9757 Contact: Frank www.trafficwks.com	70% postconsumer tube and 100% postindustrial base	Bay Area Barricades Concord, CA (925) 686-1089 Contact: Craig
Flexi-Guide, FG 300 Series	Type "K" Object Markers	Model FG318PE	Pexco/Davidson Traffic Control Products Tacoma, WA Local Rep: Bill Daly (408) 431-8689 www.pexco.com/traffic	Base and curb are minimum 5% recycled thermoplastic	Bay Area Barricades Concord, CA (925) 686-1089 Contact: Craig
	Type "Q" Object Markers	Model FG324PE			Statewide Traffic Safety San Jose, CA (408) 993-9770 Contact: Craig Nielsen
					Interstate Traffic Control Product San Carlos, CA (650) 591-2300 Contact: Mark Dellamonica

Reflective Glass Beads/Spheres

Recycled Product	Type	Company	% Recycled	Distributors in the Bay Area	Purchasing Resources
Glass Beads/Spheres	Type II Glass Spheres (50 lb per bag) per State Specification 8010-004	Potters Industries, Inc. Valley Forge, PA (800) 552-3237	State contract requires 10% postconsumer content.	Potters Industries Plants Canby, OR (888) 821-2965 Kingman, AZ (888) 821-2968	California State contract