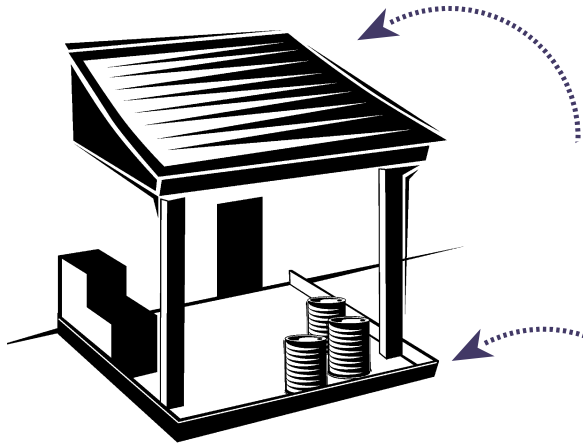


Rubber and Plastic Product Manufacturing Facilities

BEST MANAGEMENT PRACTICES



Store materials and waste inside or in covered, bermed areas.

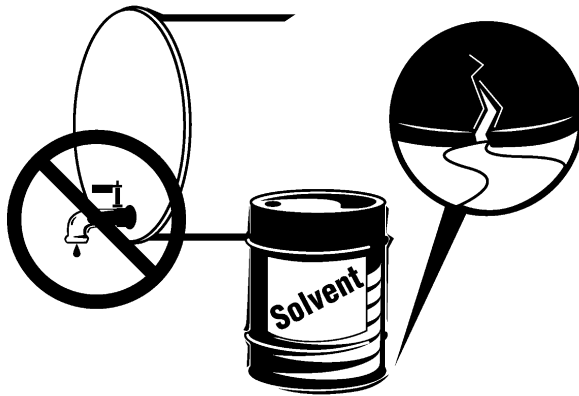
Almacene materiales y desperdicios en interiores, o en áreas cubiertas o rodeadas de un arcén.

How to Prevent Stormwater Pollution at a Rubber and Plastic Product Manufacturing Facility



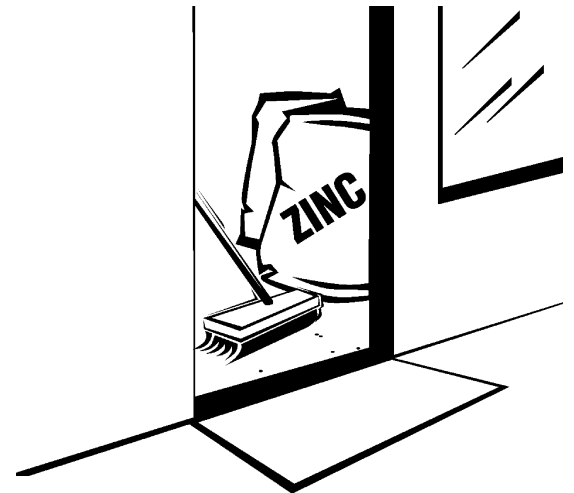
Immediately clean up spills using dry methods.

Limpie cualquier reguero inmediatamente con materiales secos.



Inspect storage areas and equipment for leaks and corrosion, and repair promptly.

Inspeccione las áreas de almacenamiento y el equipo en busca de goteras y corrosión, y repárelo con prontitud.



Store zinc bags indoors and clean up spills immediately.

Almacene las bolsas de zinc en interiores y limpie cualquier reguero de las mismas inmediatamente.

How to Prevent Stormwater Pollution at a Rubber and Plastic Product Manufacturing Facility

BEST MANAGEMENT PRACTICES

■ **Outdoor Unloading and Loading**

Only load and unload materials in designated areas. If possible, cover and contain the area or perform loading activities indoors. Pave the contained areas and consider installing a dead-end sump for easy cleanup of spilled materials.

Avoid loading or unloading materials in the rain. Close storm drains in the areas surrounding the delivery area during loading/unloading activities.

Regularly inspect the unloading/loading areas to detect problems before they occur. Inspect containers for leaks and proper labeling prior to loading/unloading any raw or spent materials.

■ **Outdoor Material and Waste Storage**

Store all materials and waste inside if possible. If stored outside, store only in designated, covered and contained areas. Pave the contained areas to allow easy cleanup of spilled materials.

Using ditches, swales, berms, and/or grading, divert stormwater around material and waste storage, handling and processing areas where it can contact stored or spilled material.

Store materials on concrete pads in labeled containers. Store wastes in covered, leak proof containers (e.g., dumpsters, drums). Ensure containers are closed (e.g., valves shut, lids sealed, caps closed). Regularly test integrity of containers and inspect them for leaks. Wash containers indoors before storing them outdoors.

■ **Facility Operations**

Develop and implement spill control plans for loading, storage and handling areas. Use catch buckets, drop cloths, and other spill prevention measures where liquid materials are loaded/unloaded, stored and used. Place drip pans under hoses. Use dry clean-up methods instead of washing areas down.

Maintain an inventory of all raw and spent materials. Schedule regular pick up for disposal and recycling of

wastes. Ensure hazardous waste disposal is performed according to Federal, State, and local requirements. Properly dispose of waste materials from dust collection systems and other operations.

Use dust collection systems (i.e., baghouses) to collect airborne particles generated from material handling operations or aggregate drying. Place tubs around vents and stacks to collect particulates. Review dust collectors and baghouses as possible sources of zinc. Regularly inspect and repair air emission control systems.

Maintain a clean facility by shoveling and sweeping spilled material and dust from paved areas of facility. Clean around vents, stacks and air emission control systems.

Consider using retention ponds, or sediment basins to collect and treat potentially contaminated stormwater.

■ **Zinc Handling**

Store zinc bags indoors. Consider using 2,500 pound sacks (from which spills are less likely) rather than 50 to 100 pound sacks. Cover and provide a lining for dumpster or move it inside.

Prevent drips or spills of zinc and zinc stearate slurry. Do not wash these into storm drains. Consider using zinc stearate alternatives.

■ **Numbers to Call for More Information**

Department of Toxic Substances Control (hazardous waste questions) (818) 551-2800/2830 (Duty office) or (916) 324-1826

Regional Water Quality Control Board, Los Angeles Region (213) 266-7500

Check phone book for local wastewater treatment plant.

If you have questions about this fact sheet, please call:

City of Los Angeles
Department of Public Works
Stormwater Program

1-800-974-9794

