

Veolia ES  
Technical Solutions, LLC  
www.veolianothamerica.com



# 2023 Hazard Categorization Manual



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## Section 2 – LABPACKS

### Class 2 – Compressed Gas



### Division 2.1 – FLAMMABLE GAS

### Aerosols (CWDHHWAERO)

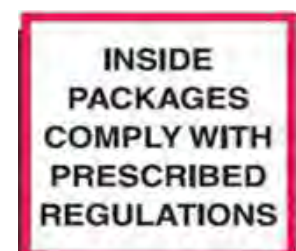
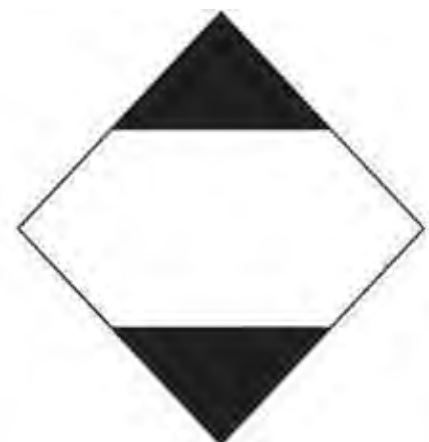
SHIPPING DESCRIPTION: **UN1950, Waste Aerosols, Flammable, 2.1, Limited Quantity**

#### For 5-55 gallon drum shipments:

EPA WASTE CODES: D001

#### REQUIREMENTS FOR NON-BULK PACKAGING:

- Aerosol cans must have protective caps in place, or valve stems removed or clipped off to prevent accidental discharge.
- Must not exceed 1 liter capacity.
- No packing media required.
- **NO FOAM AEROSOLS**
- No inventories required.
- Must be packaged in non-bulk strong outer packaging, 5 through 55 gal UN1A2(metal) or UN1G (fiber) drums.
- Gross mass must be less than 880 pounds.
- Veolia ships aerosols as limited quantity. **The 2.1 flammable gas label is NOT required**, but the "Inside Packages Comply with Prescribed Regulations" marking **IS** required with the **"Limited Quantity" Label.**
- **THERE SHOULD BE NO Lighters, Batteries, or Other Cylinders.**



## Section 2 – LABPACKS

### Class 3 – FLAMMABLE LIQUID

- Flammable Liquid Per RCRA Flashpoint  $\leq$  140 degrees F
- Does not meet Division 2.1 definition
- Combustible Liquid Flashpoint  $>$  141 degrees &  $<$  200 degrees F



### PAINT RELATED MATERIAL (CWDHHWPAINTCAN)



SHIPPING DESCRIPTION: **UN1263, Waste Paint Related Material, 3, II**

EPA WASTE CODES: D001, D007, D008

#### **REQUIREMENTS:**

- **NOT A PAINTCARE ELIGIBLE APPROVAL**
- **SEE PAINTCARE, for PaintCare Packaging Guidance for reimbursement.**
- **NO Inventory Required. NO glass containers. NO Syringe Type Epoxies**
- Inner containers are limited to 5-gallon in size and smaller. No hardeners or catalysts, peroxides removed from Bondo type body fillers
- Paint related materials only, no pure solvents (i.e. kerosene or thinner)
- Pack asbestos containing adhesives and tars separately.
- Use 55 gal UN1A2 (metal), UN1H2 (poly), UN1G (fiber) drums or non-DOT cubic yard boxes (**Cubic Yard Boxes No Longer Require DOT– SP11624**).
- Packing media not required except for fiber drums and gaylord boxes. **DO NOT use sawdust for packing media.**

## Section 2 – LABPACKS

### EXAMPLES:

Paint related materials: adhesives, sealants, cement, plaster, caulk, filler, spackle, paste, quart size and smaller oil based paint cans.

## FLAMMABLE LIQUID, TOXIC, - POURABLE (CWDHWW3)



SHIPPING DESCRIPTION: **UN1992, Waste Flammable Liquids, Toxic, n.o.s., 3 (6.1), II**

EPA WASTE CODES: D001, U070, U080, U211, U226

### **REQUIREMENTS:**

- **NO Inventory Required.**
- Material must be pourable / bulkable and 8 oz. or larger.
- Pack in 55 gal UN1A2 (metal), UN1H2 (poly), UN1G (fiber) drums.
- Packing media not required except for fiber drums.
- Do not use sawdust packing media for flammable items.
- NO Glass Containers

### **EXAMPLES:**

**Pourable** chlorinated products including strippers with methylene chloride, 1,1,1-trichloroethane, chloroform, dichlorobenzene, carbon tetrachloride, trichloroethylene, chlorobenzene, trifluorochloromethane, methanol based cleaners, thinners, oils, gasoline, kerosene, and lamp oil.

## Section 2 – LABPACKS

### Class 4 – Division 4.3, Dangerous When Wet

- Upon contact with water, is liable to become spontaneously flammable or emit toxic gases
- **Packing Group I**
  - Tendency to spontaneously ignite, or
  - Rate of evolution of flammable gases is greater than 10 liters/kg/min
- **Packing Group II**
  - Rate of evolution of flammable gases is greater than 20 liters/kg/hr
  - Does not meet criteria for PG I materials
- **Packing Group III**
  - Rate of evolution of flammable gases is greater than 1 liter/kg/hr
  - Does not meet the criteria defined for PG I or PG II



### Dangerous When Wet



SHIPPING DESCRIPTION: **UN2813, Waste Water-Reactive Solids, n.o.s., 4.3, II**

EPA WASTE CODES: D001, D003

#### REQUIREMENTS:

- **LAB PACK INVENTORY REQUIRED.**
- Use 5 gal UN1G (fiber or poly) drum only.
- These lab packs will be inspected by Veolia prior to shipment.
- Use vermiculite as packing media.
- Limit of one pound calcium carbide, aluminum phosphide, or zinc phosphide per drum.

## Section 2 – LABPACKS

SHIPPING DESCRIPTION: **UN2903, Waste Pesticides Liquid, Toxic, Flammable, n.o.s., 6.1 (3), II**

EPA WASTE CODES: D001, D004, D012, D013, D014, D016, D020, U036, U061, U240, U279

### **REQUIREMENTS:**

- **NO Inventory Required. No Glass Containers**
- Pack PIH's (Poison Inhalation Hazard) separately.
- Pack 6.1 packing group I materials separately (per DOT 173.12).
- Pack Dioxins separately.
- Pack Cyanides separately.
- Pack in 5 through 55 gal drums.
- Packing media not required except for fiber drums.
- **DO NOT USE saw dust as packing media due to Flammability.**

### **PESTICIDE/POISON SOLIDS (CWDHHWPSOL)**



SHIPPING DESCRIPTION: **UN2588, Waste Pesticides Solid, Toxic, n.o.s., 6.1, II**

EPA WASTE CODES: D004, D012, D013, D014, D016, D020, U036, U061, U240, U279

### **REQUIREMENTS:**

- **NO Inventory Required.**
- Pack PIH's separately.
- Pack 6.1 packing group I materials separately (per DOT 173.12).
- Pack Dioxins separately.
- Pack Cyanides separately.
- All metal azides packaged separately.
- Pack arsenic trioxide separately.
- Pack in 5 through 55 gal drums.
- Packing material not required except for fiber drums.

## Section 2 – LABPACKS

### EXAMPLES:

-Acephate	-Alachlor	-Arsenic Compounds
-Atrazine	-Benomyl	-Bicep
-Bordeaux Mixture	-Cacodylic Acid	-Cadmium Compounds
-Calcium Arsenate	-Carbofuran	-Chromium Compounds
-Copper Based Pest.	-Cresols	-DDD
-DDT	-Dicamba	-Dieldrin
-Dimethoate	-Diquat	-DiSystem
-Ferbam	-Folpet	-Heptachlor
-Kelthane	-Lasso	-Lead Arsenate
-Lead Based Pesticides	-Lime Sulfur	-Phenol
-Piperonyl Butoxide	-Prometon	-Prowl
-Ramrod	-Selenium Compounds	-Thiram
-Thymol	-Treflan	-Trimec

### DIOXIN SOLIDS & LIQUIDS (CWDHHWDIOX)

SHIPPING DESCRIPTION: **UN2810, Waste Toxic Liquids, Organic, n.o.s., 6.1, II**

EPA WASTE CODES: D016, D017, D041, D042 and U240

### REQUIREMENTS:

- Packing solid and liquid dioxins together in the same outer container is acceptable.
- Pack in 5 gal through 55 gal drums.
- Packing material not required except for fiber drums.
- **Penta and dioxins must be packed separately from each other and with inventory.**

**EXAMPLES:** Chlorophenols, Silvex

### WARNING

- **Before considering to accept dioxin-containing liquids in pails or drums that are larger than 5 gallons, please contact Veolia Environmental Services.**
- **Dioxin bearing liquids in single quantities greater than five gallons must be handled in a special way.**
- **Pure Dioxin bearing liquids, such as industrial grade Pentachlorophenol, are accepted on a case by case basis.**



## Appendix IV

## Product/ Ingredient Guide

Product/ Ingredient	Shipping Category	Alternative Shipping Category
Glacial Acetic Acid---Pack Alone	Organic Acid Flammable	N/A
Glass Cleaners	Alkaline / Basic (8)	N/A
Glazing Compounds	Paint Related Material (3)	"Direct Charge"-Flammable Liquid Toxic
Glues	"Direct Charge"-Flammable Liquid Toxic	Paint Related Material
Glycerine	Solvents / Fuels (3)	Flammable Liquids Toxic
Glyphosate	Pesticide Liquid (6.1,3)	Poison Liquid
Grease	"Direct Charge"-Flammable Liquid Toxic	N/A
Grout Cleaner w/ Hydrochloric Acid	Inorganic Acid (8)	N/A
Hand Cleaners	"Direct Charge"-Flammable Liquid Toxic	N/A
Harness Oil	Solvents / Fuels (3)	Flammable Liquids Toxic
"HEET" w/ Methyl Alcohol	Solvents / Fuels (3)	Flammable Liquids Toxic
Heptachlor	Pesticide Liquid/Solid (6.1)	Poison
Herbicides	Pesticide Liquid/Solid (6.1)	Poison
Hexachlorophene	Dioxin (6.1)	N/A
Hexane	Solvents / Fuels (3)	Flammable Liquids Toxic
Hydrochloric Acid	Inorganic Acid (8)	N/A
Hydrofluoric Acid---Pack Alone	Inorganic Acid (8)	N/A
Hydrogen Chloride	Inorganic Acid (8)	
Hydrogen Peroxide (<8% peroxide)	Inorganic Acid (8)	N/A
Hydrogen Peroxide (>8% peroxide)	Oxidizer (5.1)	N/A
Iodine---Pack Alone	Corrosive / Flammable (8, 3)	N/A
Iodine Solutions (corrosive)---Pack Alone	Corrosive / Flammable (8, 3)	N/A
Iron Out	Corrosive Base	(Older Product) Spontaneously Combustible
Insect Repellents	Pesticide Liquid/Solid (6.1)	Poison
Isobornyl Trichloroacetate	Flammable Liquid Toxic (3,6)	"Direct Charge"-Flammable Liquid Toxic
Isocyanate	"Direct Charge"-Flammable Liquid Toxic	N/A
Isocyanate Resin	"Direct Charge"-Flammable Liquid Toxic	N/A
Isopropanol (Isopropyl Alcohol)	Solvents / Fuels (3)	Flammable Liquids Toxic
Isopropyl- 2-Chloro Ethyl Sulfite	Flammable Liquid Toxic (3,6)	"Direct Charge"-Flammable Liquid Toxic
Joint Sealer	Flammable Liquid Toxic (3,6)	"Direct Charge"-Flammable Liquid Toxic
Kelthane	Pesticide Liquid/Solid (6.1)	Poison
Kerosene	Solvents / Fuels (3)	Flammable Liquids Toxic
Ketones	Solvents / Fuels (3)	Flammable Liquids Toxic
Lacquers	Solvents / Fuels (3)	Flammable Liquids Toxic
Lacquer Thinner	Solvents / Fuels (3)	Flammable Liquids Toxic
Lamp Oil	Solvents / Fuels (3)	Flammable Liquids Toxic
Lasso	Pesticide Liquid/Solid (6.1)	Poison
Latex Paint	Latex Paint	N/A
Latex Sealers	Latex Paint	N/A
Latex Grout Additive	Latex Paint	N/A
Laundry Detergent	Alkaline / Basic (8)	N/A
Laundry Starch	Alkaline / Basic (8)	N/A
Lead Arsenate	Pesticide Liquid/Solid (6.1)	N/A
Lead Based Pesticides	Pesticide Liquid/Solid (6.1)	N/A
Lead Based Paint	Oil Paint	N/A
Lead Putty	"Direct Charge"-Flammable Liquid Toxic	N/A
Lead Sinkers or Tire Weights	Class 9 (Lead)	N/A
Leather Cleaners	Solvents / Fuels (3)	Flammable Liquids Toxic
Lighter Fluid	Solvents / Fuels (3)	Flammable Liquids Toxic
Lime-a-way	Organic Acid (8)	N/A
Lindane	Pesticide Liquid/Solid (6.1)	Poison
Linseed Oil	Solvents / Fuels (3)	Flammable Liquids Toxic
Liquid sandpaper	Solvents / Fuels (3)	Flammable Liquids Toxic
Liquid Waxes	Solvents / Fuels (3)	Flammable Liquids Toxic

## Appendix IV

## Product/ Ingredient Guide

Product/ Ingredient	Shipping Category	Alternative Shipping Category
Solvents	Solvents / Fuels (3)	Flammable Liquids Toxic
Sonolan (liquid)	Pesticide Liquid (6.1,3)	Poison Liquid
Sonolan (solid)	Pesticide Solid (6.1)	Poison Solid
Spackling Compounds	Paint Related Material (3)	N/A
Spot Remover	"Direct Charge"-Flammable Liquid Toxic	Flammable Liquids Toxic
Stains	Oil Paint	Paint Related Material
Starting Fluid (liquid)	Solvents / Fuels (3)	Flammable Liquids Toxic
Starting Fluid (aerosol)	Aerosols (2.1)	N/A
Sterno (solid)	"Direct Charge"-Flammable Liquid Toxic	N/A
Sterno (w/ liquid)	"Direct Charge"-Flammable Liquid Toxic	N/A
Stove Fuel/White Gas	Solvents / Fuels (3)	Flammable Liquids Toxic
Strontium Nitrate	Oxidizer (5.1)	N/A
Strychnine----Pack Alone	Pesticide Solid (6.1)	Poison Solid
Stump Remover w/Potassium Nitrate	Oxidizer (5.1)	N/A
Styrene	Solvents / Fuels (3)	Flammable Liquids Toxic
Sulfamic Acid	Inorganic Acid (8)	N/A
Sulfur	Pesticide Solid (6.1)	Poison Solid
Sulfuric Acid	Inorganic Acid (8)	N/A
Silvex/2,4,5-T	Pack-Alone Dioxin (6.1)	N/A
Tar	Paint Related Material (3)	"Direct Charge"-Flammable Liquid Toxic
Tetrachloroethylene	Flammable Liquid Toxic (3,6)	"Direct Charge"-Flammable Liquids Toxic
Tetrahydrofuran	Flammable Liquid Toxic (3,6)	"Direct Charge"-Flammable Liquids Toxic
Thinner	Solvents / Fuels (3)	Flammable Liquids Toxic
Thiram (solid)	Pesticide Solid (6.1)	Poison Solid
Thiram (liquid)	Pesticide Liquid (6.1,3)	Poison Liquid
Thuricide (liquid)	Pesticide Liquid (6.1,3)	Poison Liquid
Thuricide (solid)	Pesticide Solid (6.1)	Poison Solid
Tile Adhesives	Paint Related Material (3)	"Direct Charge"-Flammable Liquids Toxic
Tile Cement	Paint Related Material (3)	"Direct Charge"-Flammable Liquids Toxic
Tile Cleaner w/Hydrochloric Acid	Inorganic Acid (8)	N/A
Titanium Dioxide	Alkaline / Basic (8)	N/A
Toilet Bowl Cleaners w/Hydrochloric Acid	Inorganic Acid (8)	N/A
Toilet Bowl Cleaners w/Sodium Acid Sulfate	Inorganic Acid (8)	N/A
Toluene/ Toluol	Solvents / Fuels (3)	Flammable Liquids Toxic
Tomato Dust	Pesticide Solid (6.1)	Poison Solid
Toxaphene (solid)---P Listed	Pesticide Solid (6.1)	Poison Solid
Toxaphene (liquid)---P Listed	Pesticide Liquid (6.1,3)	Poison Liquid
Silvex/2,4,5-T	Pack-Alone Dioxin (6.1)	N/A
Transmission Fluid	Solvents / Fuels (3)	Flammable Liquids Toxic
Treflan	Pesticide Liquid (6.1,3)	Poison Liquid
Trichloroethanol	Flammable Liquid Toxic (3,6)	"Direct Charge"-Flammable Liquids Toxic
1,1,1-Trichloroethane	Flammable Liquid Toxic (3,6)	"Direct Charge"-Flammable Liquids Toxic
2,2,2-Trichlorophenoxyacetic Acid	Pack-Alone Dioxin (6.1)	N/A
Trichloroethylene	Flammable Liquid Toxic (3,6)	"Direct Charge"-Flammable Liquids Toxic
2,4,5-Trichlorophenoxyacetic Acid	Pack-Alone Dioxin (6.1)	N/A
2,4,5-Trichlorophenoxypropionic Acid	Pack-Alone Dioxin (6.1)	N/A
Trichloro-s-triazinetrione	Oxidizer (5.1)	N/A
Tung Oil	Solvents / Fuels (3)	Flammable Liquids Toxic
Turpentine	Solvents / Fuels (3)	Flammable Liquids Toxic
Upholstery Cleaners	Solvents / Fuels (3)	Flammable Liquids Toxic
Varnishes	Oil Paint	Paint Related Material
Wallpaper Cement	Paint Related Material (3)	"Direct Charge"-Flammable Liquids Toxic
Warfarin >.25%	Pesticide Solid (6.1)	Poison Solid
Water Repellant	Flammable Liquid Toxic (3,6)	"Direct Charge"-Flammable Liquids Toxic