

H.x Environmentally Preferable Paint Products

H.x.1 Environmentally Preferable Products Goals

H.x.1.1 The District is seeking contractors to provide environmentally preferable and effective paint products that support the District’s environmentally preferable purchasing (EPP) contracting initiative.

H.x.1.2 Environmentally preferable products are products and services that have a lesser or reduced effect on human health and the environment when compared with competing products or services that serve the same purpose. This comparison considers the life cycle of the product from raw material acquisition, production, manufacturing, packaging, distribution, re-use, operation, maintenance and disposal.

H.x.2 Paint Environmental Requirements

H.x.2.1 The requirements and restrictions contained in this clause shall apply to all architectural and anti-corrosive paints used during the course of this contract.

H.x.2.2 Due to the documented health risks associated with high Volatile Organic Compound (VOCs) levels, the Contractor shall use only paint and paint products that do not exceed the maximum allowable VOC content in the table below for each type of paint:

Product Type	Type of Paint	VOCs (grams/liter)	VOCs (pounds/gallon)
Category I	Interior		
	Architectural		
	a. Flat	50 g/l	0.42 lb/gal
	b. Non-Flat	150 g/l	1.25 lb/gal
Category II	Exterior		
	Architectural		
	a. Flat	100 g/l	0.83 lb/gal
	b. Non-Flat	200 g/l	1.66 lb/gal
Category III	Anticorrosive		
	a. Flat	250 g/l	2.1 lb/gal
	b. Semi-Gloss	250 g/l	2.1 lb/gal
	c. Gloss	250 g/l	2.1 lb/gal

H.x.3 Prohibited Paint Components

Paints often contain inorganic and organo-metallic components used as preservatives, additives and pigments. The following is a list of organic compounds and components prohibited under this contract:

1,1,1 Trichloroethane	Formaldehyde
1,2 Dichlorobenzene	Hexavalent chromium
Acrolein	Isophorone
Acrylonitrile	Lead
Antimony	Mercury
Benzene	Methylene chloride
Butyl benzyl phthalate	Methyl ethyl ketone
Cadmium	Methyl isobutyl ketone
Di (2-ethylhexyl) phthalate	Naphthalene
Dimethyl phthalate	Toluene (Methylbenzene)
Di-n-butyl phthalate	Vinyl Chloride
Ethylbenzene	

H.x.4 Packaging

Paint cans and their components shall not be fabricated with lead.

H.x.5 Product Safety

H.x.5.1 A contractor shall be responsible for:

- (a) Any damage to personnel, buildings, furniture or equipment directly traceable to their use of prohibited paint.
- (b) Evacuating and warning individuals that might be affected by any spills or leakages directly traceable to their use of prohibited paint.
- (c) Any spills or leaks that occur during the use or transportation of their products.
- (d) Paying the clean up cost for any spills or leaks that occur while they are unloading, transporting or otherwise using their products.