



DuBois

**Wastewater Treatment/
Paint Booth Maintenance Product Guide**

DuBois has over 80 years of experience in customer satisfaction. We specialize in integrating “upstream” production with “downstream” waste treatment operations. DuBois products are tested and then ranked according to potential impact on waste treatment. This allows for the most logical product selection based on substrate requirements and contaminant removal capabilities.

DuBois supplies a complete line of paint booth maintenance products, to keep a paint booth clean and easy to maintain. If you use a wet or dry paint booth, or use waterborne or solvent based paints, or if you remove your solids manually or with an automatic separator, DuBois has products for you.

Let DuBois be your clean water expert. Keep it clean and easy to maintain with the DuBois line of wastewater and paint booth maintenance products.



PRODUCT SELECTION GUIDE

Coagulites

| | | | |
|---------------|----------------------------|--|---|
| Coagulite 100 | Iron salts and polymer | | L |
| Coagulite 101 | Iron salts | | L |
| Coagulite 141 | Iron salts | | L |
| Coagulite 200 | Aluminum salts and polymer | | L |
| Coagulite 201 | Aluminum salts | | L |
| Coagulite 222 | Aluminum compounds | | L |
| Coagulite 241 | Aluminum salts | | L |
| Coagulite 300 | Calcium salts and polymer | | L |
| Coagulite 301 | Calcium salts | | L |
| Coagulite 450 | Cationic polymer | | L |

Emulsion Breakers

| | | | |
|-----------|------------------------------|--|---|
| Split MR | One step encapsulating agent | | P |
| Split 130 | Cationic polymer | | L |
| Split 230 | Aluminum salts and polymer | | L |
| Split 430 | One step | | P |

Chelant Release Agents

| | | | |
|---------------|--------------------------------------|--|---|
| Coagulite EMR | Organic precipitant and polymer | | L |
| EMR LX | Organic precipitant | | L |
| EMR Comply | Chelant release; organic precipitant | | L |

Floculites

| | | | |
|------------------|------------------------|--|---|
| Floculite 265 | Anionic emulsion | | L |
| Floculite 402 | Cationic emulsion | | L |
| Floculite 440 GS | GRAS cationic emulsion | | L |
| Floculite 551 | Anionic liquid | | L |
| Floculite 600 | Anionic powder | | P |

US/Canada
Liquid (L)/Powder (P)

Detackifiers

| | | | | | | | | |
|-------------------|---|--|---|------|------|------|------|---|
| Poly D-Tac | Polymer, formaldehyde | | L | 8.85 | 1.03 | 1.9 | 3.0 | 0 |
| Poly D-Tac SF | Polymer, no reportable formaldehyde | | L | 8.58 | 1.03 | 1.8 | 3.05 | 1 |
| Poly D-Tac 200 | Polymer, no formaldehyde, inorganic blend | | L | 8.95 | 1.08 | 4.5 | 4.8 | 3 |
| Poly D-Tac 570 | Polymer, no formaldehyde, concentrated | | L | 9.08 | 1.09 | 3.8 | 4.2 | 3 |
| Buoyant B Special | Alkaline | | L | 10.6 | 1.27 | 13.4 | 12.0 | 3 |
| DuBois 737 | Alkaline | | L | 8.69 | 1.04 | 10.3 | 9.6 | 3 |

Additives

| | | | | | | | | |
|------------------|--------------------------------|--|---|-----|------|------|------|---|
| Liquid PB Buffer | Alkalinity adjuster and buffer | | L | 9.5 | 1.13 | 12.0 | 10.9 | 3 |
| PB Buffer | Alkalinity adjuster and buffer | | P | | 1.15 | | 12.0 | |
| P.D.T. Plus | Detackifier booster | | L | 6.9 | 0.82 | | | 0 |

Maintenance Products

| | | | | | | | | |
|--------------|---------------|--|---|------|------|--|------|---|
| Depress Max | Defoamer | | L | 7.25 | 0.87 | | | 3 |
| Depress Plus | Defoamer | | L | 7.0 | 0.84 | | | 3 |
| Perj | Booth cleaner | | P | | 1.15 | | 12.8 | |

Freeze Code:

- 0 = Does not freeze.
- 1 = Freezes and destroyed above 32 F.
- 2 = Freezes and destroyed at 32 F.
- 3 = Freezes, thaw, and mix.

US/Canada
Liquid (L)/Powder (P)
Density (lb/gal)
Specific Gravity
pH Neat
pH 1% Solution
Freeze Code

Maskants


| | | | | | | |
|-------------------|---|--|---|---------------|------------------------------------|--------------------------------|
| Klear Tac | Clear, tacky, rinsable, water borne | | L | 85-100 | Walls, windows, lighting, fixtures | 550 sq ft/gal @ 3 wet mils |
| H.S. Filmite | White, peelable, high solid, waterborne | | L | 7000-8000 | Walls | 200 sq ft/gal @ 8 wet mils |
| W.B. Filmite | White, peelable, waterborne | | L | 12,000-16,000 | Walls | 120 sq ft/gal @ 15-20 wet mils |
| Wite-Gard | White, scrapable, for grates, waterborne | | L | 130-170 | Floors, grates | 400 sq ft/gal |
| Zip-It | White, peelable, fast drying, solvent based | | L | 130-170 | Walls | 100 sq ft/gal @ 3 dry mils |
| Pigmented Filmite | Ivory, dry, scrapable, waterborne | | L | | Walls | 330 sq ft/gal @ 3 dry mils |

US/Canada
Liquid (L)/Powder (P)
Viscosity (cps)
Main Use
Coverage Rate

Coagulites


Coagulite 100

Coagulite 100 is a liquid blend of iron salts and polymeric compounds designed to achieve effective coagulation of suspended solids and emulsified oils. Coagulite 100 aids in the removal of weakly chelated/complexed metals.

 1/4, Drum, Tote

Coagulite 101

Coagulite 101 is formulated from iron salts effective for the coagulation of suspended solids and separation of oily wastes. It improves biological sludge dewatering.

 Drum, Tote

Coagulite 141

Coagulite 141 is formulated from iron salts and is used for the coagulation of suspended solids and emulsified oil and for coprecipitation in the metal removal process.

 Drum

Coagulite 200

Coagulite 200 is a liquid blend of aluminum salts and polymeric compounds designed to achieve effective coagulation of suspended solids and emulsified oils. Compatible in the pH range associated with food processing wastes. Effective for latex wastes.

 Drum

Coagulite 201

Coagulite 201 is formulated from aluminum salts and is effective in the coagulation of suspended solids and oily wastewaters. When used properly it will generate a more stable floc and sludge than most inorganics.

 Drum

Coagulite 222

Coagulite 222 is formulated from buffered aluminum compounds and used for the coagulation of suspended solids. Enhances the precipitation and coagulation of heavy metals treated with Coagulite EMR, and is safer to handle than most inorganics.

 Drum

Coagulite 241

Coagulite 241 is formulated from aluminum salts and designed to achieve effective coagulation of suspended solids and oily wastes. Compatible in the pH range associated with food processing wastes.

 Drum


Coagulite 300

Coagulite 300 is a liquid blend of calcium salts and polymeric compounds to achieve effective coagulation of suspended solids and emulsified oils. It is effective in the pH range in which heavy metals are most insoluble, and aids in the removal of weakly chelated/complexed metals.

 Drum


Coagulite 301

Coagulite 301 is formulated from calcium salts and designed to achieve coagulation of suspended solids and emulsified oils. When used properly, it will generate a less voluminous more stable floc and sludge than other inorganics.

 Drum, Tote

Coagulite 450

Coagulite 450 is a highly charged, moderate molecular weight liquid cationic polymer designed for flocculation of suspended solids generated by biological and other treatment processes. Also effective for glass particulate removal.

 1/4, Drum, Tote

Emulsion Breakers

Split MR

Split MR is a one-step flocculating and encapsulating agent designed to precipitate chelated heavy metals, clarify emulsified wastewater generated by metalworking fluid systems and water-based paint systems. Also effective at removing organics.

 Pail


Split 130

Split 130 is a highly active liquid cationic polymer designed for emulsion breaking including water soluble cutting fluids. Split 130 does not contribute to solids/sludge volume or rag layer.

 Drum

Split 230

Split 230 is a liquid blend of aluminum salts and cationic polymer designed to destabilize emulsified oils including water soluble oil cutting fluids. It aids in phosphate precipitation and the removal of weakly chelated/complexed metals.

 Drum, Tote

Split 430

Split 430 is an easy-to-use, one-step emulsion breaker that is safer to use than acid splitting programs. The separated, encapsulated sludge is easier to dewater. Split 430 is effective for treating latex wastes.

 1/4

Coagulite EMR

Coagulite EMR is formulated from organic precipitants and polymeric compounds and used for the precipitation and coagulation of heavy metals in the presence of problematic chelants. Coagulite EMR may be fed via automated ORP monitoring and control.

 Drum

EMR LX

EMR LX, precipitant/coagulant, is a concentrated, highly active, liquid treatment for precipitation and coagulation of heavy metals in industrial

wastewaters. It is normally used where chelants and complexing agents interfere with normal chemical precipitation techniques.

 Drum, Tote

EMR Comply


EMR Comply is used where chelants or complexing agents interfere with normal precipitation techniques. It has a lower HS&E impact than many other chelant breakers.

 Drum

Floculites


Floculite 265

Floculite 265 is an anionic, emulsion flocculant that provides flocculation in a broad pH range. Provides excellent flocculation of precipitated heavy metals and eliminates pinfloc and light floc carryout.

 1/4, Pail, Drum

Floculite 402

Floculite 402 is a liquid emulsion cationic polymer formulated to achieve flocculation following Coagulite EMR treatment for chelated heavy metals. Floculite 402 has proven to be very effective in many paint spray booth treatment programs. It is also used as a sludge conditioning agent.

 Pail, Drum

Floculite 440 GS

Floculite 440 GS is a liquid emulsion cationic polymer, which is GRAS (Generally Recognized As Safe). Floculite 440 GS is GRAS by experts in its

intended use as a flocculant and dewatering aid for food processing waste destined for recycling as animal feed when applied up to the indicated maximum dosage levels.

 Drum

Floculite 551

Floculite 551 is a highly charged, high molecular weight liquid anionic polymer designed to flocculate metal hydroxide precipitates, and suspended solids in many industrial and food processing plants.

 Pail, Drum

Floculite 600

Floculite 600 is a very high molecular weight, dry powdered anionic polymer formulated to reduce fisheyes and handling problems associated with powder forms of polymer.

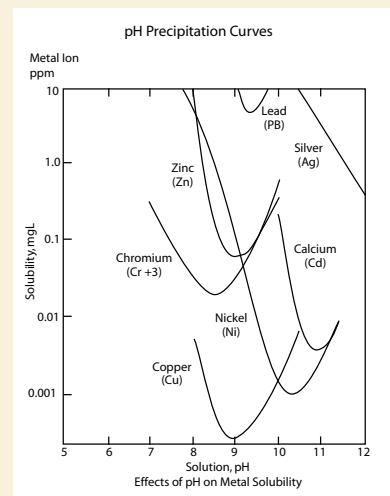
 1/4

Pounds of Product Needed to Treat a Volume of Wastewater

ppm Product Recommended

| | 3 | 6 | 12 | 25 | 100 | 250 | 500 | 750 | 1000 |
|---------|--------|--------|--------|--------|--------|---------|--------|--------|--------|
| 100 | 0.0025 | 0.0050 | 0.010 | 0.021 | 0.083 | 0.208 | 0.417 | 0.625 | 0.833 |
| 500 | 0.0125 | 0.0250 | 0.050 | 0.104 | 0.417 | 1.042 | 2.083 | 3.125 | 4.167 |
| 1000 | 0.0250 | 0.0500 | 0.100 | 0.208 | 0.833 | 2.083 | 4.17 | 6.25 | 8.33 |
| 2500 | 0.0625 | .01250 | 0.250 | 0.521 | 2.083 | 5.208 | 10.42 | 15.63 | 20.83 |
| 5000 | 0.1250 | 0.2500 | 0.500 | 1.042 | 4.167 | 10.417 | 20.83 | 31.25 | 41.67 |
| 10,000 | 0.2500 | 0.5000 | 1.000 | 2.083 | 8.333 | 20.833 | 41.67 | 62.50 | 83.33 |
| 20,000 | 0.5000 | 1.0000 | 2.000 | 4.167 | 16.667 | 41.667 | 83.33 | 125.00 | 166.67 |
| 30,000 | 0.7500 | 1.5000 | 3.000 | 6.250 | 25.000 | 62.500 | 125.00 | 187.50 | 250.00 |
| 40,000 | 1.0000 | 2.0000 | 4.000 | 8.333 | 33.333 | 83.333 | 166.67 | 250.00 | 333.33 |
| 50,000 | 1.2500 | 2.5000 | 5.000 | 10.417 | 41.667 | 104.167 | 208.33 | 312.50 | 416.67 |
| 75,000 | 1.8750 | 3.7500 | 7.500 | 15.625 | 62.500 | 156.250 | 312.50 | 468.75 | 625.00 |
| 100,000 | 2.5000 | 5.0000 | 10.000 | 20.833 | 83.333 | 208.333 | 416.67 | 625.00 | 833.33 |


Gallons of waste to be treated



Detackifiers

Poly D-Tac

Poly D-Tac delivers excellent performance on a wide variety of paints (most effective on solvent-based paints). Detackifies and coagulates paint overspray, allowing sludge to be easily removed using a centrifuge or flotation separator. Conditions sludge so that dewatering is rapid.

 Drum, Tote


Poly D-Tac SF

Poly D-Tac SF contains no reportable formaldehyde. Like the original Poly D-Tac, it is formulated for excellent performance on a wide variety of paints (most effective on solvent-based paints). It detackifies and coagulates paint overspray, allowing the sludge to be easily removed using a centrifuge separator. Conditions sludge so that dewatering is rapid.

 Drum, Tote


Poly D-Tac 200

Poly D-Tac 200 is our patented, polymer-based treatment for a wide variety of paints (most effective on waterborne paints). Ideal for use with centrifuge separators as it detackifies and coagulates paint overspray, then conditions the sludge for easy dewatering.

 Drum, Tote

Poly D-Tac 570

Poly D-Tac 570 is a super concentrated form of Poly D-Tac 200. Poly D-Tac 570 is ideal for use with centrifugal separators.

 Drum, Tote


Buoyant B Special

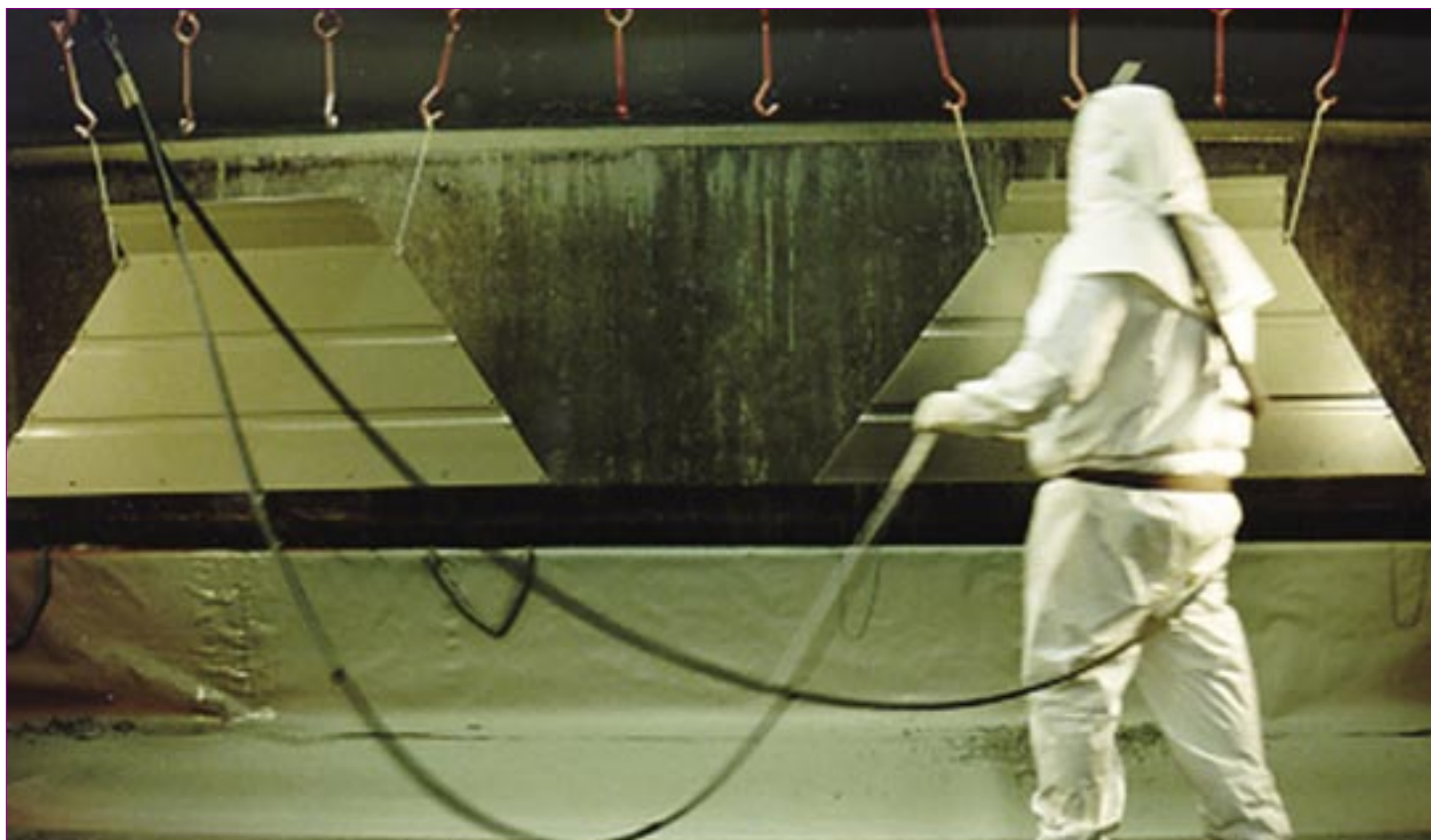
Buoyant B Special liquid, low use-cost alkaline treatment product allows for automated dispensing. Detackifies and floats a variety of paints. Its alkaline nature minimizes corrosion and reduces problems associated with bacteria. It is particularly effective on solvent-based paints.

 Drum

DuBois 737


DuBois 737, a liquid one component treatment product, detackifies and floats easy to kill paints. Provides corrosion inhibition and its alkaline nature reduces problems associated with bacteria.

 Drum, Tote



Liquid PB Buffer

Liquid PB Buffer additive provides alkalinity. Controls corrosion of booth surfaces, controls deposits, and minimizes foam. Noncaustic.

 Drum, Tote

P. B. Buffer

P. B. Buffer is a powdered version of Liquid PB Buffer.

 Drum

P.D.T. Plus

P.D.T. Plus is a powerful detackifying additive used for hard to kill paints, dispersing paint overspray and allowing the Poly D-Tac's to force kill and coagulation. P.D.T. Plus also provides deposit control, keeping the entire booth cleaner and easier to maintain.

 Drum

Maintenance Products

Depress Max

Depress Max defoamer is used to knockdown and suspend foam. Nonsilicone and quick acting.

 Pail, Drum

Depress Plus

Depress Plus defoamer is fast acting excellent for a broad variety of foam generating situations. It is silicone free for safe use in a paint booth.

 Pail, Drum

Perj

Perj is a highly alkaline paint booth cleaner recommended for smaller paint booths. Its paint dissolving action cleans lines, pumps, baffles, flow sheets, reservoirs, and all wet parts of a paint booth, while reducing labor cost. Perj must be neutralized with an acid product prior to dumping. Use DuBois Dica 66.

 Drum

Maskants

Klear Tac

Klear Tac is a clear, tacky, transparent maskant. Not recommended for wet booths. Can be applied using conventional paint spray equipment. Water rinsable, allowing it to be removed with a stream of water.

 Drum


H.S. Filmite

H.S. Filmite is a high-solids, quick drying, water-based maskant. H.S. Filmite requires less wet film thickness to get an acceptable coating, making the entire coating process quicker. This Filmite is peelable, making cleanup and removal easier.

 Drum

W.B. Filmite

W.B. Filmite is our strongest peelable coating. It provides excellent light reflectance, making booths bright. Water-based and peelable, making cleanup easy.

 Pail, 1/4, Drum

Wite-Gard

Wite-Gard is highly concentrated, making application easier and most economical. This is a hard coating, recommended for floors and grating. Remove by scraping or water wash.

 Drum

Zip-It

Zip-It is a water-insoluble, solvent-based high strength maskant used in the wet areas of paint booth, as it will not be removed by continuous contact with water. Very fast drying and exhibit good light reflectance. Has high tensile strength and is readily peelable for easy removal. Zip-It is also an effective parts maskant.

 Drum

Pigmented Filmite

Pigmented Filmite provides a highly reflective, hard coating for booth walls and floors. Scraping or pressure washing removes Pigmented Filmite. For use in dry areas of paint booths only.

 Drum



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