

TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE B: AIR POLLUTION
CHAPTER I: POLLUTION CONTROL BOARD
SUBCHAPTER c: EMISSION STANDARDS AND LIMITATIONS
FOR STATIONARY SOURCES

PART 211
DEFINITIONS AND GENERAL PROVISIONS

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211.APPENDIX A Rule into Section Table
211.APPENDIX B Section into Rule Table

AUTHORITY: Implementing Sections 9, 9.1, 9.9 and 10 and authorized by ~~Sections~~Section 27 of the Environmental Protection Act [415 ILCS 5/9, 9.1, 9.9, 10, and 27].

SOURCE: Adopted as Chapter 2: Air Pollution, Rule 201: Definitions, R71-23, 4 PCB 191, filed and effective April 14, 1972; amended in R74-2 and R75-5, 32 PCB 295, at 3 Ill. Reg. 5, p. 777, effective February 3, 1979; amended in R78-3 and 4, 35 PCB 75 and 243, at 3 Ill. Reg. 30, p. 124, effective July 28, 1979; amended in R80-5, at 7 Ill. Reg. 1244, effective January 21, 1983; codified at 7 Ill. Reg. 13590; amended in R82-1 (Docket A) at 10 Ill. Reg. 12624, effective July 7, 1986; amended in R85-21(A) at 11 Ill. Reg. 11747, effective June 29, 1987; amended in R86-34 at 11 Ill. Reg. 12267, effective July 10, 1987; amended in R86-39 at 11 Ill. Reg. 20804, effective December 14, 1987; amended in R82-14 and R86-37 at 12 Ill. Reg. 787, effective December 24, 1987; amended in R86-18 at 12 Ill. Reg. 7284, effective April 8, 1988; amended in R86-10 at 12 Ill. Reg. 7621, effective April 11, 1988; amended in R88-23 at 13 Ill. Reg. 10862, effective June 27, 1989; amended in R89-8 at 13 Ill. Reg. 17457, effective January 1, 1990; amended in R89-16(A) at 14 Ill. Reg. 9141, effective May 23, 1990; amended in R88-30(B) at 15 Ill. Reg. 5223, effective March 28, 1991; amended in R88-14 at 15 Ill. Reg. 7901, effective May 14, 1991; amended in R91-10 at 15 Ill. Reg. 15564, effective October 11, 1991; amended in R91-6 at 15 Ill. Reg. 15673, effective October 14, 1991; amended in R91-22 at 16 Ill. Reg. 7656,

effective May 1, 1992; amended in R91-24 at 16 Ill. Reg. 13526, effective August 24, 1992; amended in R93-9 at 17 Ill. Reg. 16504, effective September 27, 1993; amended in R93-11 at 17 Ill. Reg. 21471, effective December 7, 1993; amended in R93-14 at 18 Ill. Reg. 1253, effective January 18, 1994; amended in R94-12 at 18 Ill. Reg. 14962, effective September 21, 1994; amended in R94-14 at 18 Ill. Reg. 15744, effective October 17, 1994; amended in R94-15 at 18 Ill. Reg. 16379, effective October 25, 1994; amended in R94-16 at 18 Ill. Reg. 16929, effective November 15, 1994; amended in R94-21, R94-31 and R94-32 at 19 Ill. Reg. 6823, effective May 9, 1995; amended in R94-33 at 19 Ill. Reg. 7344, effective May 22, 1995; amended in R95-2 at 19 Ill. Reg. 11066, effective July 12, 1995; amended in R95-16 at 19 Ill. Reg. 15176, effective October 19, 1995; amended in R96-5 at 20 Ill. Reg. 7590, effective May 22, 1996; amended in R96-16 at 21 Ill. Reg. 2641, effective February 7, 1997; amended in R97-17 at 21 Ill. Reg. 6489, effective May 16, 1997; amended in R97-24 at 21 Ill. Reg. 7695, effective June 9, 1997; amended in R96-17 at 21 Ill. Reg. 7856, effective June 17, 1997; amended in R97-31 at 22 Ill. Reg. 3497, effective February 2, 1998; amended in R98-17 at 22 Ill. Reg. 11405, effective June 22, 1998; amended in R01-9 at 25 Ill. Reg. 108, effective December 26, 2000; amended in R01-11 at 25 Ill. Reg. 4582, effective March 15, 2001; amended in R01-17 at 25 Ill. Reg. 5900, effective April 17, 2001; amended in R05-16 at 29 Ill. Reg. 8181, effective May 23, 2005; amended in R05-11 at 29 Ill. Reg. 8892, effective June 13, 2005; amended in R04-12/20 at 30 Ill. Reg. 9654, effective May 15, 2006; amended in R07-18 at 31 Ill. Reg. 14254, effective September 25, 2007; amended in R08-6 at 32 Ill. Reg. 1387, effective January 16, 2008; amended in R07-19 at 33 Ill. Reg. 11982, effective August 6, 2009; amended in R08-19 at 33 Ill. Reg. 13326, effective August 31, 2009; amended in R10-7 at 34 Ill. Reg. 1391, effective January 11, 2010; amended in R10-8 at 34 Ill. Reg. 9069, effective June 25, 2010; amended in R10-20 at 34 Ill. Reg. 14119, effective September 14, 2010; amended in R11-23 at 35 Ill. Reg. 13451, effective July 27, 2011; amended in R12-24 at 37 Ill. Reg. 1662, effective January 28, 2013; amended in R13-1 at 37 Ill. Reg. 1913, effective February 4, 2013; amended in R14-7 at 37 Ill. Reg. 19824, effective November 27, 2013; amended in R14-16 at 38 Ill. Reg. 12876, effective June 9, 2014; amended in ~~R14-15-165~~ at 39 Ill. Reg. 5410, effective March 24, 2015; amended in R17-2 at 41 Ill. Reg. 1096, effective January 23, 2017; amended in R17-~~099~~ at 41 Ill. Reg. 4173, effective March 24, 2017; amended in R17-11 at 41 Ill. Reg. 13389, effective October 23, 2017; amended in R19-15 at 44 Ill. Reg. 14199, effective August 18, 2020; amended in R19-1 at 44 Ill. Reg. 15009, effective September 4, 2020; amended in R21-18 at 45 Ill. Reg. _____, effective _____.

SUBPART B: DEFINITIONS

Section 211.125 Ablative Coating

"Ablative coating" means a coating that chars when exposed to open flame or extreme temperatures, as would occur during the failure of an engine casing or during aerodynamic heating. The ablative char surface serves

as an insulative barrier, protecting adjacent components from the heat or open flame.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.234 Adhesive Bonding Primer

"Adhesive bonding primer" means a primer applied in a thin film to aerospace components for the purpose of corrosion inhibition and increased adhesive bond strength by attachment. There are two categories of adhesive bonding primers: primers with a design cure at 250°F or below and primers with a design cure above 250°F.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.245 Adhesion Promoter for Aerospace Applications

"Adhesion promoter for aerospace applications" means a very thin coating applied to a substrate to promote wetting and form a chemical bond with the subsequently applied material.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.271 Aerosol Coating

"Aerosol coating" means a hand-held, pressurized, nonrefillable container that expels an adhesive or a coating in a finely divided spray when a valve on the container is depressed.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.272 Aerospace Coating

"Aerospace coating" means a material that is applied to the surface of an aerospace vehicle or component to form a decorative, protective, or functional solid film, or the solid film itself.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.273 Aerospace Coating Operation

"Aerospace coating operation" means using a spray booth, tank, or other enclosure or any area, such as a hangar, for applying a single type of aerospace coating at an aerospace facility. Using the same spray booth for applying another type of coating (e.g., a topcoat after having

previously applied a primer) constitutes a separate aerospace coating operation for which compliance determinations are performed separately.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.275 Aerospace Flexible Primer

"Aerospace flexible primer" means a primer for aerospace use that meets flexibility requirements such as those needed for adhesive bond-primed fastener heads or on surfaces expected to contain fuel. The aerospace flexible coating is required because it provides a compatible, flexible substrate over bonded sheet rubber and rubber-type coatings, as well as a flexible bridge between the fasteners, skin, and skin-to-skin joints on outer aircraft skins. This flexible bridge allows more topcoat flexibility around fasteners and decreases the chance of the topcoat cracking around the fasteners. The result is better corrosion resistance.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.277 Aerospace Facility

"Aerospace facility" means any facility that produces, reworks, or repairs any commercial, civil, or military aerospace vehicle or component.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.278 Aerospace Pretreatment Coating

"Aerospace pretreatment coating" means an organic coating that contains at least 0.5 percent acids by weight and is applied directly to metal or composite surfaces to provide surface etching, corrosion resistance, adhesion, and ease of stripping.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.280 Aerospace Primer

"Aerospace primer" means the first layer and any subsequent layers of identically formulated coating applied to the surface of an aerospace vehicle or component. Primers are typically used for corrosion prevention, protection from the environment, functional fluid resistance, and adhesion of subsequent coatings. Primers that are listed as specialty coatings in 35 Ill. Adm. Code 219.204(r)(2) are not included under this definition.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.284 Aerospace Specialty Coating

"Aerospace specialty coating" means a coating that, even though it meets the definition of a primer, topcoat, or self-priming topcoat, has additional performance criteria beyond those of primers, topcoats, and self-priming topcoats for specific applications. These performance criteria may include, but are not limited to, temperature or fire resistance, substrate compatibility, antireflection, temporary protection or marking, sealing, adhesively joining substrates, or enhanced corrosion protection. Aerospace specialty coatings are listed in 35 Ill. Adm. Code 219.204(r)(2).

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.289 Aerospace Vehicle or Component

"Aerospace vehicle or component" means any fabricated part, processed part, assembly of parts, or completed unit, with the exception of electronic components, of any aircraft, including airplanes, helicopters, missiles, rockets, and space vehicles. This term includes any raw material, partial or completed fabricated part, assembly of parts, or completed unit of any aircraft, helicopter, missile, or space vehicle, including mockups and prototypes, models, molds, jigs, tooling, hardware jackets, and test coupons.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.300 Aircraft Fluid Systems

"Aircraft fluid systems" means those systems that handle hydraulic fluids, fuel, cooling fluids, or oils.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.303 Aircraft Transparencies

"Aircraft transparencies" means the aircraft windshield, canopy, passenger windows, lenses and other components ~~which~~ that are constructed of transparent materials.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.491 Antichafe Coating

"Antichafe coating" means a coating applied to areas of moving aerospace components that may rub during normal operations or installation.

(Source: Added at 45 Ill. Reg. _____, effective=

Section 211.500 Antique Aerospace Vehicle or Component

"Antique aerospace vehicle or component" means an aircraft or a component ~~thereof~~ of an aircraft that is at least 30 years old and is not routinely in commercial or military service in the capacity for which it was designed.

(Source: Added at 45 Ill. Reg. _____, effective=

Section 211.520 Aqueous Cleaning Solvent

"Aqueous cleaning solvent" means a cleaning solvent in which water is the primary ingredient (at least 80 percent of the cleaning solvent solution, as applied, must be water). Detergents, surfactants, and bioenzyme mixtures and nutrients may be combined with the water, along with a variety of additives, such as organic solvents (e.g., high boiling point alcohols), builders, saponifiers, inhibitors, emulsifiers, pH buffers, and antifoaming agents. Aqueous solutions must have a flash point greater than 93°C (200°F) (as reported by the manufacturer), and the solution must be miscible with water.

(Source: Added at 45 Ill. Reg. _____, effective=

Section 211.712 Bearing Coating

"Bearing coating" means a coating applied to an antifriction bearing, a bearing housing, or the area adjacent to such a bearing in order to facilitate bearing function or to protect base material from excessive wear. A material shall not be classified as a bearing coating if it can also be classified as a dry lubricative material or a solid film lubricant.

(Source: Added at 45 Ill. Reg. _____, effective=

Section 211.737 Bonding Maskant

"Bonding maskant" means a temporary coating used to protect selected areas of aerospace parts from strong acid or alkaline solutions during processing for bonding.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.975 Chemical Agent-Resistant Coating

"Chemical agent-resistant coating" means an exterior topcoat designed to withstand exposure to chemical warfare agents or the decontaminants used on these agents.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.985 Chemical Milling Maskant

"Chemical milling maskant" means a coating that is applied directly to aluminum components to protect surface areas when chemical milling the component with a Type I or II etchant. Type I chemical milling maskants are used with a Type I etchant and Type II chemical milling maskants are used with a Type II etchant. This definition does not include :

bonding maskants;

critical use and line sealer maskants;

seal coat maskants;

maskants that must be used with a combination of Type I or II etchants and any of ~~the above types of~~ these maskants (i.e., bonding, critical use and line sealer, and seal coat); or

maskants that are listed as aerospace specialty coatings in 35 Ill. Adm. Code 219.204(r)(2).

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.1095 Clear Coating for Aerospace Applications

"Clear coating for aerospace applications" means a transparent coating usually applied over a colored opaque coating, metallic substrate, or placard to give improved gloss and protection to the color coat. In some cases, a clearcoat refers to any transparent coating without regard to substrate.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.1326 Commercial Exterior Aerodynamic Structure Primer

"Commercial exterior aerodynamic structure primer" means a primer used on aerodynamic components and structures that protrude from the fuselage, such as wings and attached components, control surfaces,

horizontal stabilizers, vertical fins, wing-to-body fairings, antennae, and landing gear and doors, for the purpose of extended corrosion protection and enhanced adhesion.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.1327 Commercial Interior Adhesive

"Commercial interior adhesive" means materials used in the bonding of passenger cabin interior components. These components must meet the Federal Aviation Administration fireworthiness requirements.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.1329 Compatible Substrate Primer

"Compatible substrate primer" means either compatible epoxy primer or adhesive primer. Compatible epoxy primer is primer that is compatible with the filled elastomeric coating and is epoxy-based. The compatible substrate primer is an epoxy polyamide primer used to promote adhesion of elastomeric coatings such as impact-resistant coatings. Adhesive primer is a coating that ~~(1)~~ ;

inhibits corrosion and serves as a primer applied to bare metal surfaces or prior to adhesive application, ; or ~~(2)~~

is applied to surfaces that can be expected to contain fuel.

Fuel tank coatings are excluded from this category.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.1432 Confined Space

"Confined space" means a space that is large enough and so configured that an employee can bodily enter and perform assigned work; has limited or restricted means for entry or exit (for example, fuel tanks, fuel vessels, and other spaces that have limited means of entry); and is not suitable for continuous employee occupancy.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.1555 Corrosion Prevention System

"Corrosion prevention system" means a coating system that provides corrosion protection by displacing water and penetrating mating surfaces, forming a protective barrier between the metal surface and

moisture. Coatings containing oils or waxes are excluded from this definition.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.1567 Critical Use and Line Sealer Maskant

"Critical use and line sealer maskant" means a temporary coating, not covered under other maskant categories, used to protect selected areas of aerospace parts from :

strong acid or alkaline solutions such as those used in anodizing, plating, chemical milling, and processing of magnesium, titanium, or high strength steel;

high-precision aluminum chemical milling of deep cuts; and

aluminum chemical milling of complex shapes.

Materials used for repairs or to bridge gaps left by scribing operations (i.e., line sealer) are also included in this definition.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.1620 Cryogenic Flexible Primer

"Cryogenic flexible primer" means a primer designed to provide corrosion resistance, flexibility, and adhesion of subsequent coating systems when exposed to loads up to and surpassing the yield point of the substrate at cryogenic temperatures (-275°F and below).

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.1625 Cryoprotective Coating

"Cryoprotective coating" means a coating that insulates cryogenic or subcooled surfaces to limit propellant boil-off, maintain structural integrity of metallic structures during ascent or re-entry, and prevent ice formation.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.1735 Department of Defense Classified Coating

"Department of Defense classified coating" means a coating that has been determined pursuant to federal Executive Order 13526, "Classified National Security Information", " December 29, 2009, or any successor

order to require protection against unauthorized disclosure and is marked to indicate its classified status when in documentary form.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.1820 Dry Lubricative Material for Aerospace Applications

"Dry lubricative material for aerospace applications" means a coating consisting of lauric acid, cetyl alcohol, waxes, or other noncrosslinked or resin-bound materials that act as a dry lubricant.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.1895 Electrostatic Discharge and Electromagnetic Interference Coating

"Electrostatic discharge and electromagnetic interference coating" means a coating applied to space vehicles, missiles, aircraft radomes, and helicopter blades to disperse static energy or reduce electromagnetic interference.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.1915 Elevated-Temperature Skydrol-Resistant Commercial Primer

"Elevated-temperature Skydrol-resistant commercial primer" means a primer applied primarily to commercial aircraft (or commercial aircraft adapted for military use) that must withstand immersion in phosphate-ester hydraulic fluid (Skydrol 500b or equivalent) at 150°F or higher for at least 1,000 hours.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.2035 Epoxy Polyamide Topcoat

"Epoxy polyamide topcoat" means a coating used where harder films are required or in some areas where engraving is accomplished in camouflage colors.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.2180 Exterior Primer for Large Commercial Aircraft

"Exterior primer for large commercial aircraft" means an aerospace primer, applied to an aircraft of more than 110,000 pounds maximum certified take-off weight, manufactured for non-military use.

(Source: Added at 45 Ill. Reg. _____, effective_____
_____)

Section 211.2340 Fire-Resistant Interior Coating

"Fire-resistant interior coating" means ~~(1)~~ .

for civilian aircraft, fire-resistant interior coatings ~~are~~ used on passenger cabin interior parts that are subject to the Federal Aviation Administration fireworthiness requirements; ~~(2)~~

for military aircraft, fire-resistant interior coatings ~~are~~ used on parts subject to the flammability requirements of military specifications for aircraft; and ~~(3)~~

for space applications, fire-resistant interior coatings ~~are~~ used on parts subject to NASA flammability requirements for space shuttles and space stations.

(Source: Added at 45 Ill. Reg. _____, effective_____
_____)

Section 211.2400 Flight Test Coating

"Flight test coating" means a coating applied to aircraft other than missiles or single-use aircraft prior to flight testing to protect the aircraft from corrosion and to provide required marking during flight test evaluation.

(Source: Added at 45 Ill. Reg. _____, effective_____
_____)

Section 211.2412 Flush Cleaning at Aerospace Facilities

"Flush cleaning at aerospace facilities" means removal of contaminants, such as dirt, grease, oil, and coatings, from an aerospace vehicle or component or from coating equipment by passing solvent over, into, or through the item being cleaned. The solvent may simply be poured into the item being cleaned and then drained, or assisted by air or hydraulic pressure, or by pumping. Hand-wipe cleaning operations ~~wherein which~~ wiping, scrubbing, mopping, or other hand action are used are not included in this definition.

(Source: Added at 45 Ill. Reg. _____, effective_____
_____)

Section 211.2480 Fuel Tank Adhesive for Aerospace Applications

"Fuel tank adhesive for aerospace applications" means an adhesive used to bond components exposed to fuel ~~and~~. The adhesive must be compatible with fuel tank coatings.

(Source: Added at 45 Ill. Reg. _____, effective=_____
_____)

Section 211.2485 Fuel Tank Coating for Aerospace Applications

"Fuel tank coating for aerospace applications" means a coating applied to fuel tank components on an aerospace vehicle for the purpose of corrosion and/or bacterial growth inhibition and to assure sealant adhesion in extreme environmental conditions.

(Source: Added at 45 Ill. Reg. _____, effective=_____
_____)

Section 211.2612 General Aviation

"General aviation" means that segment of civil aviation that encompasses all facets of aviation except air carriers, commuters, and military. General aviation includes charter and corporate-executive transportation, instruction, rental, aerial application, aerial observation, business, pleasure, and other special uses.

(Source: Added at 45 Ill. Reg. _____, effective=_____
_____)

Section 211.2613 General Aviation Rework Facility

"General aviation rework facility" means any aerospace facility with the majority of its revenues resulting from the reconstruction, repair, maintenance, repainting, conversion, or alteration of general aviation aerospace vehicles or components.

(Source: Added at 45 Ill. Reg. _____, effective=_____
_____)

Section 211.2795 Hand-Wipe Cleaning Operation at Aerospace Facilities

"Hand-wipe cleaning at aerospace facilities" means removing contaminants, such as dirt, grease, oil, and coatings, from an aerospace vehicle or component by physically rubbing it with a material such as a rag, paper, or cotton swab that has been moistened with a cleaning solvent.

(Source: Added at 45 Ill. Reg. _____, effective=_____
_____)

Section 211.2980 High Temperature Coating

~~Except as specified below, "High temperature coating" means, for~~For purposes of 35 Ill. Adm. Code 218 and 219, "high temperature coating"

means a coating that is certified to withstand a temperature of 538°C (1000°F) for 24 hours.

~~"High temperature coating" means, for~~ For purposes of 35 Ill. Adm. Code 219.204(r), "high temperature coating" means a coating designed to withstand temperatures of more than 350°F.

(Source: Amended at 45 Ill. Reg. _____, effective=_____
_____)

Section 211.3160 Insulation Covering

"Insulation covering" means material that is applied to foam insulation to protect the insulation from mechanical or environmental damage.

(Source: Added at 45 Ill. Reg. _____, effective=_____
_____)

Section 211.3180 Intermediate Release Coating

"Intermediate release coating" means a thin coating applied beneath topcoats to assist in removing the topcoat in depainting operations and generally to allow the use of less hazardous depainting methods.

(Source: Added at 45 Ill. Reg. _____, effective=_____
_____)

Section 211.3230 Lacquers

"Lacquers" means, with respect to coating of wood furniture, any clear wood finishes formulated with nitrocellulose or synthetic resins to dry by evaporation without chemical reaction, including clear lacquer sanding sealers.

For purposes of 35 Ill. Adm. Code 219.204(r), "lacquers" means a clear or pigmented coating formulated with a nitrocellulose or synthetic resin to dry by evaporation without a chemical reaction. Lacquers are resolvable in their original solvent.

(Source: Amended at 45 Ill. Reg. _____, effective=_____
_____)

Section 211.3360 Limited Access Space

"Limited access space" means internal surfaces or passages of an aerospace vehicle or component that cannot be reached without the aid of an airbrush or a spray gun extension for the application of coatings.

(Source: Added at 45 Ill. Reg. _____, effective=_____
_____)

Section 211.3755 Metalized Epoxy Coating

"Metalized epoxy coating" means an epoxy coating that contains relatively large quantities of metallic pigmentation for appearance and/or added protection.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.3850 Miscellaneous Metal Parts and Products Coating

"Miscellaneous metal parts and products coating" means, for purposes of 35 Ill. Adm. Code 218 and 219, any protective, decorative or functional coating applied onto the surface of any metal part or metal product, even if attached to or combined with a nonmetal part or product~~;~~.

a) Including ~~but not limited to~~ underbody anti-chip (e.g., underbody plastisol) automobile and light-duty truck coatings;

b) ~~But not~~ Not including the following coatings, which are subject to separate regulations: can coatings; ~~;~~ coil coatings; ~~;~~ metal furniture coatings; ~~;~~ large appliance coatings; ~~;~~ magnet wire coatings; ~~;~~ ~~and~~ prime coat, primer surfacer coat, topcoat, and final repair coat for automobile and light-duty trucks; and aerospace coatings subject to the requirements of ~~Section~~ 35 Ill. Adm. Code 219.204(r); and

c) Not including the following coatings: architectural coatings, automobile or light-duty truck refinishing coatings, coatings applied to the exterior of marine vessels, coatings applied to the exterior of airplanes, customized topcoat for automobiles and trucks if production is less than ~~thirty-five~~ 35 vehicles per day, and high temperature aluminum coating applied to diesel-electric locomotives in Cook County.

(Source: Amended at 45 Ill. Reg. _____, effective _____)

Section 211.3870 Miscellaneous Metal Parts or Products Coating Line

"Miscellaneous metal parts or products coating line" means, for purposes of 35 Ill. Adm. Code 218 and 219, a coating line in which any protective, decorative, or functional coating is applied onto the surface of any metal part or metal product, even if attached to or combined with a nonmetal part or product~~;~~.

a) Including ~~but not limited to~~ underbody anti-chip (e.g., underbody plastisol) automobile and light-duty truck coatings;

b) ~~But not~~ Not including the following coatings, which are subject to separate regulations: can coatings; ~~;~~ coil coatings; ~~;~~ metal furniture coatings; ~~;~~ large appliance coatings; ~~;~~ magnet wire coatings; ~~;~~ ~~and~~ prime coat, primer surfacer coat, topcoat and final repair coat for automobile

and light-duty trucks; and aerospace coatings subject to the requirements of ~~Section~~35 Ill. Adm. Code 219.204(r); and

c) Not including the following coatings: architectural coatings, automobile or light-duty truck refinishing coatings, coatings applied to the exterior of marine vessels, coatings applied to the exterior of airplanes, customized topcoat for automobiles and trucks if production is less than ~~thirty-five~~35 vehicles per day, and high temperature aluminum coating applied to diesel-electric locomotives in Cook County.

(Source: Amended at 45 Ill. Reg. ~~_____~~, effective ~~_____~~)

Section 211.3920 Mold Release Coating for Aerospace Applications

"Mold release coating for aerospace applications" means a coating applied to a mold surface to prevent the molded piece from sticking to the mold as it is removed.

(Source: Added at 45 Ill. Reg. ~~_____~~, effective ~~_____~~)

Section 211.4066 Nonstructural Adhesive for Aerospace Applications

"Nonstructural adhesive for aerospace applications" means an adhesive that bonds nonload bearing aerospace components in noncritical applications and is not covered in any other specialty adhesive categories listed in 35 Ill. Adm. Code 219.204(r)(2).

(Source: Added at 45 Ill. Reg. ~~_____~~, effective ~~_____~~)

Section 211.4215 Optical Antireflection Coating

"Optical antireflection coating" means a coating with a low reflectance in the infrared and visible wavelength ranges that is used for antireflection on or near optical and laser hardware.

(Source: Added at 45 Ill. Reg. ~~_____~~, effective ~~_____~~)

Section 211.4535 Part Marking Aerospace Coating

"Part marking aerospace coating" means coatings or inks used to make identifying markings on aerospace materials, components, or assemblies. These markings may be either permanent or temporary.

(Source: Added at 45 Ill. Reg. ~~_____~~, effective ~~_____~~)

Section 211.5072 Primer for General Aviation Rework Facility

"Primer for general aviation rework facility" means an aerospace primer applied at a general aviation rework facility.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.5336 Radiation-Effect or Electric Coating

"Radiation-effect or electric coating" means a coating or coating system engineered to interact, through absorption or reflection, with specific regions of the electromagnetic energy spectrum, such as the ultraviolet, visible, infrared, or microwave regions. Uses include lightning strike protection, electromagnetic pulse protection, and radar avoidance. Coatings that have been designated as "classified" by the Department of Defense are exempt from this definition.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.5338 Radome

"Radome" means, for purposes of the definitions of "~~Electrostatic Discharge and Electromagnetic Interference~~" and "~~Rain Erosion-Resistant Coating~~", "electrostatic discharge and electromagnetic interference" and "rain erosion-resistant coating", the nonmetallic protective housing for electromagnetic transmitters and receivers (e.g., radar, electronic countermeasures, etc.).

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.5339 Rain Erosion-Resistant Coating

"Rain erosion-resistant coating" means a coating or coating system used to protect the leading edges of aerospace parts, such as flaps, stabilizers, radomes, engine inlet nacelles, etc. against erosion caused by rain impact during flight.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.5585 Research and Development Operation

"Research and development operation" means, for purposes of 35 Ill. Adm. Code 218.187, ~~and~~ 219.187, and 219.204(r), an operation i

whose purpose is for research and development of new processes and products r.

that is conducted under the close supervision of technically trained personnel⁷; and

that is not involved in the manufacture of final or intermediate products for commercial purposes, except in a de minimis manner.

(Source: Amended at 45 Ill. Reg. _____, effective _____)

Section 211.5675 Rocket Motor Bonding Adhesive

"Rocket motor bonding adhesive" means an adhesive used in rocket motor bonding applications.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.5680 Rocket Motor Nozzle Coating

"Rocket motor nozzle coating" means a catalyzed epoxy coating system used in elevated temperature applications on rocket motor nozzles.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.5805 Rubber-Based Adhesive

"Rubber-based adhesive" means a quick setting contact cement that provides a strong, yet flexible, bond between two mating surfaces that may be of dissimilar materials.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.5855 Scale Inhibitor

"Scale inhibitor" means, for the purposes of 35 Ill. Adm. Code ~~Section~~ 219.204(r), a coating that is applied to the surface of a part prior to thermal processing to inhibit the formation of scale.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.5883 Screen Print Ink for Aerospace Applications

"Screen print ink for aerospace applications" means, for purposes of 35 Ill. Adm. Code 219.204(r), an ink used in screen printing processes during fabrication of decorative laminates and decals at aerospace facilities.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.5887 Sealant for Aerospace Applications

"Sealant for aerospace applications" means a material used to prevent the intrusion of water, fuel, air, or other liquids or solids from certain areas of aerospace vehicles or components. There are two categories of sealants: extrudable/rollable/brushable sealants and sprayable sealants.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.5895 Seal Coat Maskant

"Seal coat maskant" means an overcoat applied over a maskant to improve abrasion and chemical resistance during production operations.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.5900 Self-Priming Topcoat for Aerospace Applications

"Self-priming topcoat for aerospace applications" means a topcoat that is applied directly to an uncoated aerospace vehicle or component for purposes of corrosion prevention, environmental protection, and functional fluid resistance. More than one layer of identical coating formulation may be applied to the vehicle or component. Self-priming topcoats for general aviation rework facilities are not included in this definition.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.5905 Self-Priming Topcoat for General Aviation Rework Facility

"Self-priming topcoat for general aviation rework facility" means a self-priming topcoat applied at a general aviation rework facility.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.5907 Semi-Aqueous Cleaning Solvent

"Semi-aqueous cleaning solvent" means a solution in which water is a primary ingredient (60 percent of the solvent solution, as applied, must be water).

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.6013 Silicone Insulation Material

"Silicone insulation material" means an insulating material applied to exterior metal aerospace surfaces for protection from high temperatures caused by atmospheric friction or engine exhaust. These materials differ from ablative coatings in that they are not "sacrificial-".

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.6055 Smoothing and Caulking Compounds

"Smoothing and caulking compounds" means semi-solid materials ~~which~~ that are applied by hand application methods and are used to aerodynamically smooth exterior vehicle surfaces or fill cavities such as bolt hole accesses. A material shall not be classified as a smoothing and caulking compound if it can also be classified as a sealant.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.6064 Solid Film Lubricant

"Solid film lubricant" means, for purposes of 35 Ill. Adm. Code 219.204(r), a very thin coating consisting of a binder system containing as its chief pigment material one or more of the following: molybdenum, graphite, polytetrafluoroethylene (PTFE), or other solids that act as a dry lubricant between faying (i.e., closely or tightly fitting) surfaces in aerospace applications.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.6133 Space Vehicle

"Space vehicle" means a man-made device, either manned or unmanned, designed for operation beyond earth's atmosphere. This definition includes integral equipment such as models, mock-ups, prototypes, molds, jigs, tooling, hardware jackets, and test coupons. Also included is auxiliary equipment associated with test, transport, and storage, that, through contamination, can compromise the space vehicle performance.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.6137 Specialized Function Coating

"Specialized function coating" means, for purposes of 35 Ill. Adm. Code ~~Section~~ 219.204(r), a coating that fulfills extremely specific engineering requirements in aerospace applications that are limited in use and are characterized by low volume usage. This category excludes

coatings covered in other specialty coating categories in 35 Ill. Adm. Code 219.204(r)(2).

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.6426 Structural Autoclavable Adhesive for Aerospace Applications

"Structural autoclavable adhesive for aerospace applications" means an adhesive used to bond load-carrying aerospace components that is cured by heat and pressure in an autoclave.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.6428 Structural Nonautoclavable Adhesive for Aerospace Applications

"Structural nonautoclavable adhesive for aerospace applications" means an adhesive cured under ambient conditions that is used to bond load-carrying aerospace components or other critical functions, such as nonstructural bonding in the proximity of engines.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.6575 Temporary Protective Coating for Aerospace Applications

"Temporary protective coating for aerospace applications" means a coating applied to aerospace surfaces to provide scratch or corrosion protection during manufacturing, storage, or transportation. Two types include peelable protective coatings and alkaline removable coatings. These materials are not intended to protect against strong acid or alkaline solutions. Coatings that provide this type of protection from chemical processing are not included in this category.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.6583 Thermal Control Coating for Aerospace Applications

"Thermal control coating for aerospace applications" means a coating formulated with specific thermal conductive or radiative properties to permit temperature control of the aerospace substrate.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.6670 Topcoat

"Topcoat" means:

Except as used in 35 Ill. Adm. Code 218.204(a)(2) and (q)(5) and 219.204(a)(2), ~~and~~ (q)(5), and (r), a coating applied to a substrate in a multiple coat operation other than prime coat, primer surfacer coat or final repair coat;

For purposes of 35 Ill. Adm. Code 218.204(a)(2) and 219.204(a)(2), the final coating system applied to provide the final color and/or a protective finish. The topcoat may be a monocoat color or basecoat/clearcoat system. In-line repair and two-tone are part of topcoat;

For purposes of 35 Ill. Adm. Code 218.204(q)(5) and 219.204(q)(5), any final coating applied to the interior or exterior of a pleasure craft;

For the purposes of 35 Ill. Adm. Code 219.204(r), a coating that is applied over a primer on an aerospace vehicle or component for appearance, identification, camouflage, or protection. Topcoats that are listed as specialty coatings in 35 Ill. Adm. Code in 219.204(r)(2) are not included ~~under~~ in this definition.

(Source: Amended at 45 Ill. Reg. _____, effective _____)

Section 211.6685 Topcoat for General Aviation Rework Facility

"Topcoat for general aviation rework facility" means a topcoat applied at a general aviation rework facility.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.6720 Touch-Up Coating

"Touch-up coating" means:

Except as used in 35 Ill. Adm. Code 218.204(q), 219.204(q), and 219.204(r), ~~for purposes of motor vehicle refinishing operations,~~ a coating applied by brush or hand held, non-refillable aerosol cans to repair minor surface damage and imperfections;

For purposes of 35 Ill. Adm. Code 218.204(q) ~~r~~ and 219.204(q), and 219.204(r), a coating used to cover minor coating imperfections appearing after the main coating operation.

(Source: Amended at 45 Ill. Reg. _____, effective _____)

Section 211.7260 Wet Fastener Installation Coating

"Wet fastener installation coating" means a primer or sealant applied by dipping, brushing, or daubing to fasteners that are installed before the coating is cured.

(Source: Added at 45 Ill. Reg. _____, effective _____)

Section 211.7275 Wing Coating

"Wing coating" means a corrosion-resistant topcoat that is resilient enough to withstand the flexing of the wings.

(Source: Added at 45 Ill. Reg. _____, effective _____)

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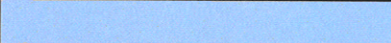
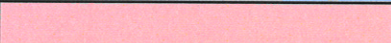

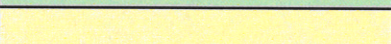
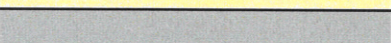
~~POLLUTION CONTROL BOARD~~

~~NOTICE OF PROPOSED AMENDMENTS~~

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