

FORMALDEHYDE EMISSIONS FROM COMPOSITE WOOD PRODUCTS REGULATIONS

CANADIAN ENVIRONMENTAL PROTECTION ACT, 1999

August 9, 2023

Andy O'Hare, CPA



Background

- Rule proposed in 2020
- Issued pursuant to Canadian
 Environmental Protection Act
- Administered by Health Canada
- Finalized in June 2021
- Became effective in January 2023; Laminated Products January 2028
- Amendments proposed in June
 2023

Overview

Purpose:

- Reduce potential health risks
- Align with EPA TSCA Title VI

Import or sale prohibited unless:

- Emissions are below limits
- Declarations of Certification (Attestations)
 retained



Scope



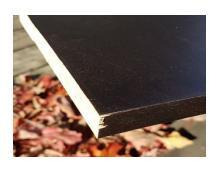
Particleboard (PB)



Hardwood Plywood



Medium Density Fibreboard (MDF)



Laminated Product (LP)

Finished Goods & Component Parts that incorporate a composite wood product



Testing

Primary

- Four times annually
- ASTM E1333 or ASTM D6007

Quality Control

- Frequency based on production
- Variety of test methods may be used
- Must be correlated to E1333 or D6007
- Reduced testing for NAF/ULEF



Certification

Certification by TPC required for panels and LPs

- Panel in finished goods must be certified
- LPs that use NAF or PF resins; certification only for core panels

Accepted certification

- TSCA Title VI
- CANFER



Third Party Certifier (TPC)

Qualifications:

- ISO 17065 accreditation
- Access to a laboratory accredited to run ASTM E1333 and/or D6007

Additional Guidance (July 2021):

Guidance – TPC roles & responsibilities



Declaration of Certification

- Produced by panel manufacturer upon certification
- Contents:
 - Name of TPC (or TPC number from EPA)
 - TPC contact information
 - List of certified product types
 - Date of certification



Declaration of Certification

- DoC information needs to be made available to importers, fabricators, and retailers
- Specific process of sharing this information under revision through rule amendments (more later)
- The DoC does not track which panels have been incorporated into which good



Non-Compliant Lots

- Primary or QC test exceeds applicable limit;
 may not be sold until treated and re-tested
- Customers need to be notified within 72 hours
- Treated to reduce emissions through chemical scavenger or aging
- Retested to ensure emission limit is met (one sample for primary; three for QC), using same test method as initially performed



Labelling

- Compliance statement can be one of the following:
 - 1. CANFER compliant / conforme au CANFER
 - 2. TSCA Title VI compliant / conforme au titre VI de la TSCA
 - 3. TSCA Title VI certified / certifié conformément au titre VI de la TSCA
- Optional label statements for NAF or ULEF resins
- Manufacturers/importers must ensure label is affixed to panels
- Buyers who purchase panels from manufacturer/importer do not need to affix label as long as info is available.



Labelling

Panels

- 1. Manufacturer
- 2. Lot number
- 3. Compliance statement
- 4. TPC name (or TSCA Title VI #)

Finished Goods

- 1. Manufacturer
- 2. Date of manufacture
- 3. Compliance statement



Reporting

- No annual reports
- One-time self-identification report:
 - Manufacturers, importers and sellers
 - Contact information and role (i.e., manufacturing, importing and/or selling; panels, finished goods and/or component parts)
 - Due within 60 days of coming into force date or when manufacturing, importing and/or selling begins
 - Updates required if information changes



Proposed Amendments

- QC testing
- Declarations of certifications/attestations
- Timeframe to report non-conforming lots
- Retesting of non-conforming lots
- Grace period for providing documents to ministry



Recordkeeping

Record	Panels		Finished Goods		Retailer
	Manufacturer	Importer	Manufacturer	Importer	
Declaration of Certification	Х	Х	Х	X	X
Manufacturer and Date	Х	Х	Х	Х	
Supplier and Purchase Date		Х		Х	
TPC Qualifications	Х	Х			
TPC Verification Date	Х	Х			
Primary Test Data	Х	Х			
Non-Complying Lot Information	Х	Х			
QC Test Data	X				
Reduced Testing Information	Х				
Resin Information	Х				
Total Volume of CWP Made/Sold	Х				
Customer Information	Х				

Key

Maintained On-site

Provided Within 14 or 40 Days

QUESTIONS?

Additional Information from Health Canada:

https://www.canada.ca/en/healthcanada/services/chemical-substances/otherchemical-substances-interest/formaldehyde.html

