

05/17/2018

This document serves as Prosoco's verification that **R-Guard® Spray Wrap MVP** does not contain intentionally added Red List materials or chemicals as defined in the Living Building Challenge (LBC) v3.0/3.1. This product formulation is evaluated to a 100 ppm threshold.

Specifically, **R-Guard® Spray Wrap MVP** does not contain known or intentionally added Red List chemicals including:

- Alkylphenols
- Asbestos
- Bisphenol A (BPA)
- Cadmium
- Chlorinated Polyethylene and Chlorosulfonated Polyethylene
- Chlorobenzenes
- Chlorofluorocarbons (CFCs) and Hydrochlorofluorocarbons (HCFCs)
- Chloroprene (Neoprene)
- Chromium VI
- Chlorinated Polyvinyl Chloride (CPVC)
- Formaldehyde (added)
- Halogenated Flame Retardants (HFRs)
- Lead (added)
- Mercury
- Polychlorinated Biphenyls (PCBs)
- Perfluorinated Compounds (PFCs)
- Phthalates
- Polyvinyl Chloride (PVC)
- Polyvinylidene Chloride (PVDC)
- Short Chain Chlorinated Paraffins
- Wood treatments containing Creosote, Arsenic or Pentachlorophenol
- Complies with applicable Volatile Organic Compound (VOC) regulatory limits for wet applied, permanently installed products

The Red List specifies that California defined Group II toxic VOC exempt solvents not be incorporated in permanently installed coatings, sealants and adhesives. This product does not contain known or intentionally added Group II chemicals including:

- Methylene chloride (dichloromethane)
- 1,1,1-trichloroethane (methyl chloroform)
- Trichlorofluoromethane (CFC-11)
- Dichlorodifluoromethane (CFC-12)
- 1,1,2-trichloro-1,2,2-trifluoroethane (CFC-113)
- 1,2-dichloro-1,1,2,2-tetrafluoroethane (CFC-114)
- Chloropentafluoroethane (CFC-115)
- Cyclic, branched, or linear, completely
- Methylated siloxanes
- (VMS)
- Tetrachloroethylene (perchloroethylene)
- Ethylfluoride (HFC-161)
- 1,1,1,3,3,3-hexafluoropropane (HFC-236fa)
- 1,1,2,2,3-pentafluoropropane (HFC-245ca)
- 1,1,2,3,3-pentafluoropropane (HFC-245ea)



- 1,1,1,2,3-pentafluoropropane (HFC-245eb)
- 1,1,1,3,3-pentafluoropropane (HFC-245fa)
- 1,1,1,2,3,3-hexafluoropropane (HFC-236ea)
- 1,1,1,3,3-pentafluorobutane (HFC-365mfc)
- Chlorofluoromethane (HCFC-31)
- 1,2-dichloro-1,1,2-trifluoroethane (HCFC-123a)
- 1 chloro-1-fluoroethane (HCFC-151a)

The Red List conformance status of this product is dependent on upstream supply chain stability and is subject to change without notice. Check current status at [www.prosoco.com](http://www.prosoco.com) or call Customer Care at 800-255-4255

For additional technical information, please contact:

Dwayne Fuhlhage  
Sustainability and Environment Director  
785-830-7300  
[dwayne.fuhlhage@prosoco.com](mailto:dwayne.fuhlhage@prosoco.com)