

Abbreviation, Antimicrobial, CAS No.	Hazard Summary	Used In
BBIT (2-Butyl-1,2-benzisothiazolin-3-one) CAS: 4299-07-4	Skin Irritation, Aquatic Toxicant ¹	Sealants, Adhesives, Caulks, Wallboard, Ceiling Tiles ²
BIT (1,2-Benzisothiazolin-3-one) CAS: 2634-33-5	Eye Irritation, Skin Sensitization, Aquatic Toxicant ³	Paints, Adhesive ⁴
Boric Acid CAS: 12179-04-3	Developmental Toxicant, Reproductive Toxicant ⁵	Wood Products ⁶
Copper CAS: 7440-50-8	Skin Sensitizer, Organ Toxicant ⁷ <u>For copper dust:</u> hazards for copper above, plus Gene Mutation, Developmental Toxicant, Mammalian Toxicant, Aquatic Toxicant ⁸	Knobs/Handles, Touchable Surfaces, Ceiling Tiles, Adhesives, Textiles, Plastic articles ⁹
CMIT or CIT (Methylchloroisothiazolinone) CAS: 26172-55-4	Mammalian Toxicant, Eye Irritation, Skin Irritation and Sensitization, Aquatic Toxicant ¹⁰	Paints/Stains, Adhesives, Caulks, Grout, Wood Products ¹¹
CTAC (1-(3-chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride) CAS: 4080-31-3	Developmental Toxicant, Skin Sensitization ¹²	Adhesives, Caulks, Grouts, Concrete Admixes, Paints ¹³
DCOIT (4,5-dichloro-2-octyl-2H-isothiazol-3-one) CAS: 64359-81-5	Mammalian Toxicant, Eye and Skin Irritation, Aquatic Toxicant ¹⁴	Caulks, Sealants, Grouts ¹⁵
DDAC (Alkyl didecyl dimethyl ammonium chloride) CAS: 7173-51-5	Respiratory Sensitizer, Eye and Skin Irritation, Aquatic Toxicant ¹⁶	Wood Products ¹⁷
Elemental Silver / Silver Nanoparticles CAS: 7440-22-4	Mammalian Toxicant, Skin sensitization, Aquatic Toxicant ¹⁸ <u>For silver nanoparticles:</u> Hazards for silver above, plus Endocrine Disrupter, Organ Toxicant ¹⁹	Upholstery & Fabrics, Hardware, Touchable Surfaces, Tile Installation Products, Ceramic Tile, Countertops, Adhesives, Sealants, Paints, Carpets, Textiles ²⁰
Formaldehyde CAS: 50-00-0	Carcinogen, Developmental Toxicant, Mutagen, Respiratory Sensitizer, Mammalian Toxicant, Eye Irritation, Skin Irritation, Skin Sensitization ²¹	Released into wet-applied products by certain preservative additives ²²
IPBC (3-iodo-2-propynyl butylcarbamate) CAS: 55406-53-6	Developmental Toxicant, Eye Irritation, Skin Sensitization, Organ Toxicant, Aquatic Toxicant ²³	Paints/Stains, Wire & Cable, Carpets, Textiles, Wood Product ²⁴
MIT (Methylisothiazolinone) CAS: 2682-20-4	Mammalian Toxicant, Skin Irritation and Sensitization, Aquatic Toxicant ²⁵	Paints/Stains, Adhesives, Caulks, Grout, Wood Products ²⁶
OBPA (Oxybisphenooxyarsine) CAS: 58-36-6	PBT, Carcinogen, Developmental Toxicant, Neurotoxicant, Mammalian Toxicant, Organ Toxicant, Aquatic Toxicant ²⁷	Flexible PVC, Adhesives, Coatings, Textiles ²⁸
OIT (2-n-octyl-4-isothiazolin-3-one) CAS: 26530-20-1	Developmental Toxicant, Mutagen, Mammalian Toxicant, Eye and Skin Irritation, Skin Sensitizer, Aquatic Toxicant ²⁹	Adhesives, Textiles, Wood Products ³⁰
Propiconazole CAS: 60207-90-1	Endocrine Disruptor, Aquatic Toxicant ³¹	Wood Products, Paints, Coatings, Caulks, Adhesives ³²
QACs (Quaternary Ammonia Compounds) CAS: specific to individual substances	Respiratory Sensitizer, Asthmagen ³³	Disinfection Products, Wood Products, Specialty Paints ³⁴
Silver Zeolite CAS: 130328-18-6	At the time of publishing, no authoritative source used in the Pharos Chemical and Material Library associates this substance with health hazards.	Paints, Carpet Fibers, Wallpaper, Adhesives, Fabrics/Textiles ³⁵
Triclosan (2,4,4'-trichloro-2'-hydroxy-diphenyl-ether) CAS: 3380-34-5	PBT, Endocrine Disruptor, Aquatic Toxicant ³⁶	Textiles, Plastic Sheets/Parts, Adhesives, Caulk, Coatings, Tile Installation Products, Hardware, Ceramic Tile, Carpets, Countertops ³⁷
ZPT (Zinc pyrithione) CAS: 13463-41-7	Reproductive Toxicant, Mammalian Toxicant, Eye Irritant, Skin Sensitization, Aquatic Toxicant ³⁸	Fabrics/Textiles, Wall Coverings, Adhesives, Caulks, Sealants, Grouts, Joint Compounds ³⁹

Sources for Appendix A

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