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## Volatile Organic Compounds (VOC's)

Volatile organic compounds (VOCs) are a large group of carbon-based chemicals (e.g. solvents) that easily evaporate at room temperature. There are thousands of different VOCs produced and used in our daily lives.

Some common household products that release VOCs are carpets and adhesives, paints, upholstery fabrics, air fresheners, cleaning products & perfumes.

### VOCs – Coating at time of Application

Green Building Council of Australia- IEQ13 'Volatile Organic Compounds'

The criteria for VOC content in paint in IEQ-13 'Volatile Organic Compounds' refers only to paint applied on site (i.e. excludes paint applied in a spray booth at a factory).

Mirotone coatings are formulated for industrial application and are required to be applied in well-exhausted spray or sanding booths complying with Australian Standard AS 4114: Spray Booth. If inhalation risk exists (e.g. spraying) the operator must wear a respirator complying with AS1716 and use in accordance with AS1715.

### VOCs – Coated Articles

The VOCs (solvents) evaporate from the coating as it dries. Mirotone coatings are industrial coatings and are formulated with fast evaporating solvents which are quickly released from the film. Within 24 hours nearly all VOCs will have evaporated from the paint film. By the time the finished article reaches the end user after being coated at a factory, transported to a warehouse and then through the rest of the supply chain (e.g. retailer) it is unlikely that the coating will contain any significant quantity of VOC.

### Chemicals of Concern

Mirotone affirms itself to be a responsible member of its community and strives to be the leading manufacturer of coatings that are the safest for its employees to handle, its customers to apply and the end consumer to use in their specific living or working environment.

Mirotone therefore will make every effort not to use any ingredient/raw material that:

1. Is a known or suspected carcinogen;
2. Is an ingredient that causes birth defects or other effects on the reproductive system;
3. Has chronic effects on the nervous system;
4. Is a toxic heavy metal;
5. Is a banned substance in the country of use; or
6. Is on the Mirotone "Chemicals of Concern" list.
7. Poses a danger to the environment

**All Mirotone timber coatings comply with the following Australian & British Standards:**

- AS/NZS ISO 8124.3:2003 (Childrens Toy Safety Requirements)
- BS/EN71-3:1995 (Safety of Toys) Part 3. Specification for migration of certain elements.

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