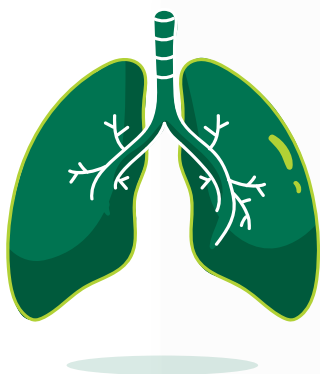


# WHY CHOOSE DCM FREE IN 2023?

## THREE THINGS YOU NEED TO KNOW WHEN USING A DCM FREE PRODUCT:

1. Patience is key! **DCM** Free spray adhesives are less volatile so flash a little slower therefore need good ventilation.
2. **DCM** Free sprays may look wetter, this is normal and once flashed and tack has built, performance is not affected.
3. **DCM** Free sprays may be more susceptible to low temperatures, so shake well before use and whenever possible store above 12 degrees.



## THREE THINGS YOU NEED TO KNOW ABOUT DCM\* AND YOUR HEALTH:

1. The main route of exposure to humans is inhalation. This is because **DCM** vapour is heavier than air so collects at ground level. Exposures are highest in occupational settings.
2. **DCM** is carcinogenic and as such carries, the hazard statement 'suspected of causing cancer'.
3. **DCM** is metabolised to carbon monoxide. Carbon monoxide is harmful because it displaces oxygen in the blood and deprives the heart, brain, and other vital organs of oxygen.

## THREE SYMPTOMS TO SPOT WHEN WORKING WITH DCM:

1. Skin burns and rashes.
2. Coughing, wheezing and/or shortness of breath.
3. Higher levels of dichloromethane inhalation can lead to headache, mental confusion, nausea, vomiting, dizziness and fatigue.

*Its important to know when we talk about a chlorinated adhesive, we are specifically talking about the solvent portion of the adhesive.*



### THREE THINGS YOU NEED TO KNOW TO SPOT A PRODUCT THAT CONTAINS DCM:

1. The health and safety section, which is often located on the back of the product label will have a contents section which will state: Contains Dichloromethane.
2. **DCM** is carcinogenic and as such carries the **H351**: Suspected of causing cancer hazard statement.
3. **DCM** carries a health hazard pictogram that indicates a product contains chemicals that may cause health effects in humans, including cancer, gene mutation, reproductive health effects, respiratory sensitivity, and organ toxicity.

### THREE THINGS YOU MUST DO WHEN WORKING WITH A PRODUCT THAT CONTAINS DCM:

1. Avoid working alone, if this isn't possible take regular breaks and make contact with someone.
2. Use specialist PPE - **DCM** can penetrate certain gloves and respirator filters very quickly.
3. Respiratory protective equipment\* is required when using chlorinated products - this is especially important when there is no natural or mechanical ventilation.

# SCAN FOR THE GEKKO DCM RANGE



\*Employers must provide constant flow airline breathing apparatus (CFABA). This is because DCM vapour can penetrate through respirator filters very quickly, therefore they usually only provide protection for a very short time. The CFABA provided must have an assigned protection factor (APF) of at least 40 (transient workplace) or 20 (industrial workplace) and is suitable for use with DCM and the specific task. <https://www.hse.gov.uk/coshh/essentials/direct-advice/dichloromethane.htm>