

## **VOC EMISSIONS**

One of the most common terms used in the solvents industry is 'VOC' – as in 'reduced-VOC', 'non-VOC' and 'VOC-content'. Most people in the industry knows that VOC stands for 'Volatile Organic Compound'. But many do not fully understand what VOC's are and why they receive so much attention.

Solvents used in adhesives are emitted into the air after they perform their function and are generally classified as VOC's.

Emissions of VOC's. in and of themselves react with oxides of nitrogen in the presence of heat and sunlight to form ground-level ozone, the primary component of 'smog' in order to reduce ozone levels. Regulations are developed to reduce VOC emissions.

Moreover, VOCs were found to have a health impact that should not be underestimated due to pollution of the indoor climate in living and working environments. VOC are substances that can be found in some adhesives, paint strippers, carpets, wood protection products, furniture made of wood derivatives and insulation boards made of polyurethane and polystyrene. Most of these products release harmful substances into the indoor environment for months - sometimes even years.

TWEHA's adhesives have no solvents and are therefore non-VOC, no VOC emissions.