Unit 110: Decorative finishing and industrial painting occupations

# Worksheet 5: Sustainability (learner)

1. What are the three Rs with regard to sustainability in the painting industry?
2. State why oil-based products are not regarded as sustainable materials.
3. Underline the correct meaning of VOC.
4. Volatile organic characteristics
5. Variable overt compounds
6. Volatile organic components
7. Volatile organic compounds
8. Variable overt components
9. Place the VOC content in the correct order from high to low:
10. VOC content 8% to 24%
11. VOC content higher than 50%
12. VOC content 0% to 0.29%
13. VOC content 25% to 50%
14. VOC content 0.30% to 7.99%
15. Match the five categories of VOC content with the colours.

MEDIUM VERY HIGH MINIMAL HIGH LOW

|  |  |
| --- | --- |
| **Category** | **Colour** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

1. Which paint ingredient did manufacturers have to reduce in their paints by 2010?
2. State which type of paint is considered more environmentally friendly.
3. Use the words from the word bank below to fill in the gaps here.

Try not to order more......................... than you need for a job. Don't pour...................... materials or ....................... from cleaning processes into a sink or ......................................out containers and....................... of with normal household waste. Check with your local............... and manufacturer’s...................... for guidance on how to dispose of....................... materials.

**Word Bank:**

instructions, waste, hazardous, drain, materials, wipe, dispose, excess, council

1. What does the symbol below mean?



1. Give an example of where you may find a symbol like this.
2. Complete the missing words with regard to sustainability:

The more we use products from **U**.............................. sources, the **Q**.................. they will eventually run out. The less we have, the more **E**....................... they will **B**......................