

Risk assessment epoxy work in a temporary workplace

Date: _____

Cause: _____

Performed by: _____

| Event | Identified risk | Probability of event A = 1-3 | The extent of the damage B = 1-3 | Likelihood of detecting damage C = 1-3 | Risk number A+B+C | Measure |
|---|--|---------------------------------|-------------------------------------|---|----------------------|---|
| General concern for thermosetting resins, epoxy | Anxiety, headaches caused by anxiety | 3 | 1 | 1 | 5 | "Information 3rd person" |
| Exposure of thermosetting resin | Allergy | 3 | 2 | 1 | 6 | "Information for 3rd person". Persons with previous sensitization should not attend the construction process. |
| Physical problems of thermosetting exposure, 3rd person | Nausea | 2 | 1 | 1 | 4 | Persons with previous sensitization should not attend the construction process. |
| | Rash | 2 | 1 | 1 | 4 | Persons with previous sensitization should not attend the construction process. |
| | Asthma | 1 | 2 | 1 | 4 | Persons with previous sensitization should not attend the construction process. |
| Pre-work, grinding | Noise, dust | 3 | 1 | 1 | 5 | Demarcation, check filters on vacuum cleaner, hearing protection |
| Paving | Distribution of epoxy outside working area | 3 | 1 | 1 | 5 | "Information 3rd person" warning sign, demarcation, barriers, lock doors |
| | Danger of slipping | 3 | 2 | 1 | 6 | Inform, delimit workspace. Flooring: Avoid stress and heavy work |
| | Emissions to floor wells etc | 2 | 2 | 2 | 6 | Available absorbent material, sand etc |
| | Fire caused by short circuits etc | 1 | 3 | 1 | 5 | Check equipment, avoid handling flammable substances in the workplace |
| | | | | | 0 | |
| | | | | | 0 | |

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| A=1 | The probability of occurrence <1 time in 10 years |
| A=2 | The probability of occurrence <1 time in 5 years |
| A=3 | The probability of occurrence >1 time in 1 years |

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|------------|---|
| B=1 | Corresponds to small damage, easy to repair |
| B=2 | Corresponds to damage where external help must be called |
| B=3 | Corresponds to large damage or damage that is almost impossible to repair |

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|------------|--|
| C=1 | The damage is detected immediately |
| C=2 | Damage that is likely to be detected before serious consequence occurs |
| C=3 | Damage that is likely to take a long time to detect |

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| Risk number | If $A + B + C \geq 6$ the risk is considered significant and action must be taken |
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