

StarFix & StarFix ZERO Pedestal Adhesives

Important

This document is a generic COSHH assessment template intended to assist customers using StarFix products. It does not replace the current product Safety Data Sheet or site-specific COSHH and Risk assessments.

It is designed to be used alongside:

- The current Safety Data Sheet for each individual StarFix component.
- The site-specific risk assessment and method statement.
- Any additional COSHH assessments required by the principal contractor or end user.
- Local rules relating to ventilation, access, waste, fire safety and emergency procedures.

COSHH assessments must be suitable and sufficient for the actual task and workplace. HSE guidance requires employers to identify hazardous substances, assess exposure, select appropriate controls and ensure those controls are properly used and maintained.

The information below uses a worst-case reference example. Individual StarFix products and components may have fewer, different or additional classifications, so the SDS for the specific product being used must always take precedence.

We have produced this document to assist our customers with their own legal obligations however each site has its own specific risks and this COSHH assessment template only covers the risks associated with the use of StarFix and StarFix-ZERO products. Each installation will require their own risk and COSHH assessments.

The following template is divided into 22 individual components:

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1. Activity

Bonding steel pedestals to concrete or similar substrates during raised access flooring installation.

Typical work may include:

- Transporting adhesive containers to the installation area.
- Opening containers.
- Dispensing adhesive onto the substrate and/or pedestal base.
- Positioning raised access flooring pedestals into the adhesive.
- Adjusting or repositioning pedestals before the adhesive cures.
- Removing excess uncured adhesive.
- Cleaning application equipment where required.
- Handling partially used or empty containers.
- Managing accidental spillages.
- Handling and disposing of adhesive waste.
- Allowing the adhesive to cure before being subjected to service loads.

StarFix pedestal adhesives are normally applied manually in relatively small individual quantities rather than being sprayed. The size, ventilation and occupancy of the installation area must nevertheless be considered before work starts.

2. Persons Who May Be Exposed

Potentially exposed persons include:

- Raised access flooring installers.
- Supervisors.
- Other contractors working in the immediate area.
- Cleaning or maintenance personnel.
- Waste-handling personnel.
- Delivery and warehouse personnel handling containers.
- Persons entering areas where adhesive is being applied.

Where necessary, access to the immediate working area should be restricted until application is complete and adequate ventilation has been maintained.

3. Hazardous Substance Information

Signal word: Danger

Pictogram: GHS08 Health hazard

The specific hazard statements shown are:

H334 – May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Supplemental Hazard Information

EUH204 – Contains isocyanates. May produce an allergic reaction.



Relevant Precautionary Statements

P201 – Obtain special instructions before use.

P260 – Do not breathe dust/fume/gas/mist/vapours/spray.

P264 – Wash hands and exposed skin thoroughly after handling.

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

P304+P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P308+P313 – IF exposed or concerned: Get medical advice/attention.

The supplied SDS states that no Occupational Exposure Limit is assigned to the product. However, the SDS contains a biological exposure reference for isocyanates and appropriate exposure controls must still be maintained.

This assessment must not be interpreted as meaning that all StarFix products have exactly the same classification. Always review the individual component SDS before use.

4. Main Routes of Exposure

Inhalation

This is likely to be the principal foreseeable exposure route during normal raised access flooring installation.

Exposure should be minimised by:

- Maintaining adequate natural or mechanical ventilation.
- Keeping containers closed when not in use.
- Avoiding unnecessary generation of vapour, mist or aerosol.
- Never spray-applying the adhesive.
- Avoiding heating the product.
- Using suitable RPE where adequate exposure control cannot otherwise be achieved.

The risk of inhalation exposure must be given particular consideration when working:

- In confined spaces.
- Beneath low raised access floors.
- In rooms with limited ventilation.
- In enclosed areas without effective air movement.
- Where several operatives are using adhesive simultaneously.

Skin Contact

Skin contamination may occur when:

- Dispensing adhesive.
- Positioning pedestals.
- Adjusting adhesive-covered pedestals.



- Removing excess adhesive.
- Handling contaminated containers or tools.
- Cleaning spillages.

Direct skin contact should therefore be prevented through suitable gloves, clothing and good working practices.

Eye Contact

Splashing is unlikely during careful normal application but may occur while:

- Opening containers.
- Dispensing adhesive.
- Cleaning tools.
- Handling spillages.

Suitable eye protection should therefore be available and worn where there is a foreseeable risk of splashing

Ingestion

Ingestion is unlikely during normal installation but could occur through poor hygiene or contaminated hands. Eating, drinking and smoking should not take place in the immediate application area. Hands should be thoroughly washed before eating, drinking, smoking or taking breaks.

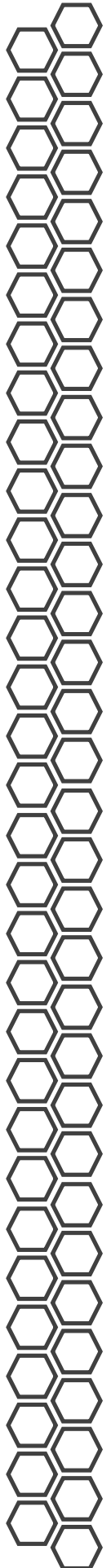
5. Persons at Increased Risk

Particular care is required for persons who:

- Have previously experienced an allergic reaction or sensitisation to isocyanates.
- Have experienced occupational asthma or respiratory sensitisation associated with similar materials.
- Have been medically advised to avoid isocyanates or respiratory sensitising substances.
- Have existing skin conditions which could increase the consequences of contamination.
- Undertake frequent or prolonged work with polyurethane or isocyanate-containing materials.

Anyone experiencing breathing difficulties, wheezing, chest tightness, persistent coughing or other symptoms potentially associated with exposure should stop work and seek appropriate medical advice.

6. Control Measures



Elimination / Substitution

Where a StarFix pedestal adhesive has been specified as part of the raised access flooring installation, complete elimination may not be practical. Exposure should nevertheless be reduced as far as reasonably practicable. Only open the quantity of adhesive required for the work being undertaken.

Keep unused containers closed.

Engineering Controls

Normal application should take place in an open or adequately ventilated working area.

Where appropriate:

- Open doors and other suitable ventilation points.
- Maintain natural airflow through the work area.
- Use suitable mechanical ventilation where natural ventilation is insufficient.
- Avoid creating enclosed stagnant areas.
- Consider ventilation beneath raised access flooring during installation.
- Do not allow vapours or contaminants to migrate into occupied areas.
- Ventilation requirements should be increased where work takes place in restricted or enclosed spaces.

Application Method

The preferred method is controlled manual dispensing of adhesive directly to the substrate/pedestal installation position or dipping the base of the pedestal into the adhesive. Avoid techniques which generate mist or aerosol.

7. Personal Protective Equipment

Hand Protection

Wear suitable chemical-resistant impervious gloves (gloves to EN 374).

Gloves should be selected according to the manufacturer's chemical-resistance information for the particular product and expected duration of contact. Replace contaminated, damaged or compromised gloves.

Eye Protection

Wear suitable eye protection where splashing or contamination is foreseeable.

(EN 166 eye protection)

Protective Clothing



Wear suitable workwear such as:

- *Long trousers.*
- *Suitable workwear/coveralls.*
- *Protective footwear.*
- *Additional disposable protective clothing where significant contamination could occur.*

Remove contaminated clothing and wash before reuse where appropriate.

Respiratory Protection

Adequate ventilation is the primary control during normal application.

The supplied SDS states that where natural ventilation or engineering controls are not fitted or are inadequate, suitable respiratory protective equipment should be worn. It identifies a suitable mask with filter type A to EN14387 or EN405 as potentially appropriate and references an FF2000: 200 × Protection Factor.

Selection of RPE must be appropriate for:

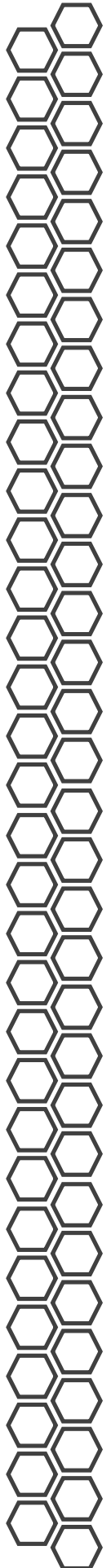
- The actual exposure.
- Concentration.
- Duration.
- Ventilation.
- Working environment.
- Product SDS.

Where tight-fitting RPE is selected, the employer should ensure the wearer has undergone appropriate face-fit testing. A separate assessment may be necessary for confined-space work or circumstances where ventilation cannot adequately control exposure.

8. Product Handling / Application Preparation

Good practice includes:

- Read the current product label and SDS before starting.
- Ensure operatives understand the application method.
- Keep containers closed until required.
- Open containers carefully.
- Keep containers upright and stable.
- Avoid splashing.
- Do not heat the adhesive.
- Do not spray the adhesive.
- Do not deliberately generate mist or aerosol.
- Keep the work area clean.
- Prevent contamination of tools, walkways and surrounding surfaces.
- Do not use more material than necessary for the immediate installation.



9. Application Controls

During application:

- *Maintain adequate ventilation.*
- *Keep unnecessary personnel away from the immediate work area.*
- *Dispense adhesive carefully and in a controlled manner.*
- *Avoid direct skin contact.*
- *Do not kneel in or place bare skin against uncured adhesive.*
- *Replace heavily contaminated gloves or PPE.*
- *Remove adhesive contamination from tools and footwear before leaving the work area.*
- *Prevent uncured adhesive being transferred into surrounding areas.*
- *Keep walkways and emergency routes clear.*
- *Keep adhesive containers closed when not being actively used.*
- *Prevent access to significant uncured adhesive deposits where necessary.*

10. First Aid

Follow the current SDS for the specific product.

Inhalation

Remove the affected person to fresh air and keep them comfortable for breathing. Call a doctor if the person feels unwell. Because the product is classified as a respiratory sensitiser, breathing difficulties, wheezing or asthma-like symptoms require particular attention. Seek medical advice where symptoms develop.

Skin Contact

Immediately remove contaminated clothing. Wash the affected skin thoroughly with soap and water. If skin irritation occurs, obtain medical advice/attention.

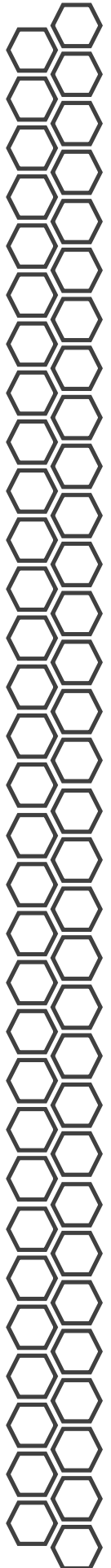
Seek medical advice if the person feels unwell.

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Obtain medical advice if discomfort or irritation persists.

Ingestion

Obtain medical advice/attention if the person feels unwell. Provide the product label or SDS to medical personnel where appropriate.



11. Spillages

For small spillages:

- Restrict unnecessary access.
- Provide adequate ventilation.
- Wear suitable gloves, eye protection and other required PPE.
- Use respiratory protection where ventilation is inadequate.
- Contain the uncured adhesive.
- Absorb using sand, earth or another suitable absorbent material.
- Transfer collected material into an appropriate container for disposal.
- Prevent uncured adhesive entering drains or watercourses.

For larger or uncontrolled spills:

- Stop the source where this can be done safely.
- Increase ventilation where appropriate.
- Restrict access.
- Prevent entry into drainage systems.
- Follow the site's emergency and environmental procedures.

Full personal protection, including respiratory protection, should be provided during removal of spillages where required.

12. Environmental Precautions

The product is:

- Low toxicity to aquatic invertebrates.
- Low toxicity to fish.
- Low toxicity to algae.
- No classification for the sediment compartment.
- No classification for the terrestrial compartment.

Uncontrolled discharge should be prevented.

Do not deliberately discharge uncured adhesive into:

- Drains.
- Surface water.
- Watercourses.
- Soil.

Spillages or uncontrolled discharges into watercourses should be reported to the appropriate regulatory body in accordance with site procedures and applicable legislation.



13. Waste Disposal

Uncured Material

Uncured adhesive and contaminated waste should be managed in accordance with the product SDS, site waste procedures and applicable waste legislation.

This may include:

- Unused adhesive.
- Partially filled containers.
- Contaminated absorbents.
- Significant uncured residues.
- Contaminated disposable PPE.

Where uncured material requires disposal as hazardous waste, use an appropriately authorised waste route.

Fully Cured Material

Once fully cured, the product is no longer hazardous.

Where appropriate and permitted by the site waste arrangements, fully cured residues may therefore be disposed of as building/construction waste. Labels should be removed or permanently obscured from empty cured containers where appropriate before disposal. All waste disposal remains subject to applicable local and national legislation.

14. Manual Handling

Individual containers should be handled in accordance with normal manual-handling principles. Risk depends upon:

- Container weight.
- Frequency of handling.
- Carrying distance.
- Access conditions.
- Floor condition.
- Working position.
- Individual capability.
- Good practice includes:
 - Keep loads close to the body.
 - Avoid twisting while carrying.
 - Use two-person handling where appropriate.
 - Avoid carrying unnecessary quantities at one time.
 - Use trolleys, pallet trucks or other handling aids for larger quantities.

Palletised Deliveries



Where adhesive is delivered on pallets:

- Use appropriate mechanical handling equipment where available.
- Ensure operators are trained and authorised.
- Keep pedestrians clear of moving loads.

Do not manually drag heavily loaded pallets.

15. Storage

Store StarFix pedestal adhesives:

- In their original labelled containers.
- With lids securely closed.
- Upright and stable.
- In accordance with the current Technical Data Sheet and SDS.
- Away from uncontrolled heat sources.
- Protected from inappropriate temperature extremes.
- Away from incompatible materials identified in the SDS.
- In a secure location with access restricted where appropriate.

Containers should be inspected for damage or leakage before use.

16. Transport

Not classified as hazardous for transport.

- UN Number – Not applicable.
- UN Proper Shipping Name – Not applicable.
- Transport Hazard Class – Not applicable.

Containers should nevertheless remain:

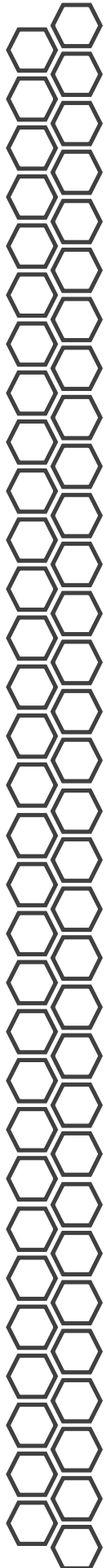
- Securely closed.
- Upright where appropriate.
- Protected from damage.
- Adequately restrained during transportation.

Always check the current SDS for the particular StarFix product being transported.

17. Emergency Arrangements

Before starting work, installers should know:

- Location of washing facilities.



- Location of eyewash facilities.
- Site emergency contact arrangements.
- Spill kit location.
- First-aid arrangements.
- Waste-storage arrangements.
- Fire and evacuation procedures.
- Emergency access routes.

18. Training & Competence

Only personnel who have received appropriate instruction should handle and apply StarFix pedestal adhesives.

Training/instruction should include:

- Reading and understanding the product label.
- Reading the current SDS.
- Correct application procedures.
- Ventilation requirements.
- Avoidance of inhalation exposure.
- Prevention of skin contamination.
- Correct PPE selection and use.
- Correct RPE use where required.
- Spill procedures.
- Waste handling.
- First-aid procedures.
- Site emergency procedures.

Mandatory Diisocyanate Training

As from 24 August 2023 adequate training is required before industrial or professional use. Where the adhesive falls within the applicable diisocyanate restriction, personnel using the product industrially or professionally must have completed the appropriate safe-use training required by the applicable legislation.

Employers and contractors should maintain appropriate evidence of training.

19. Risk-Control Summary

Risk ratings are indicative only and must be reviewed against the actual site, product and task. The following table must be used only as a generic template:



StarFix Pedestal Adhesives - COSHH Risk Control Summary

Hazard	Persons at Risk	Initial Risk	Control Measures	Residual Risk
Inhalation / respiratory sensitisation	Installers / nearby workers	Medium	Adequate ventilation; avoid mist/aerosol; no spraying; suitable RPE where required	Low
Skin contact with uncured adhesive	Installers	Medium	EN374 impervious gloves; protective clothing; good hygiene	Low
Eye splash	Installers	Medium	Controlled dispensing; EN166 eye protection where required	Low
Confined or poorly ventilated working	Installers / nearby workers	Medium / High	Assess ventilation; mechanical ventilation/RPE where necessary; additional site assessment	Low / Medium
Adhesive spillage	Installers / environment	Medium	Spill kit; ventilation; PPE; absorbent material; controlled disposal	Low
Environmental release	Environment	Medium	Prevent entry to drains, watercourses and soil; controlled waste management	Low
Handling containers	Installers	Low / Medium	Appropriate lifting technique; mechanical aids where necessary	Low
Movement of palletised materials	Warehouse / site personnel	Medium	Forklift/pallet truck; trained operator; segregate pedestrians	Low
Uncured waste	Waste handlers	Medium	Secure containers; appropriate PPE; suitable waste route	Low
Fully cured waste	Waste handlers	Low	Confirm fully cured and dispose through appropriate building/construction waste route	Low



20. Site-Specific Information to Complete Before Work

Project / Site: _____

Location / Work Area: _____

StarFix Product(s): _____

SDS Revision Date: _____

Assessment Date: _____

Assessor: _____

Number of Operatives: _____

Application Method:

☐ Pedestal Dipping

☐ Pouring

☐ Other: _____

Ventilation:

☐ Large open area

☐ Natural ventilation

☐ Mechanical ventilation

☐ Restricted / enclosed area – additional assessment required

Required PPE:

☐ Chemical-resistant gloves

☐ Eye protection

☐ Protective clothing

☐ Safety footwear

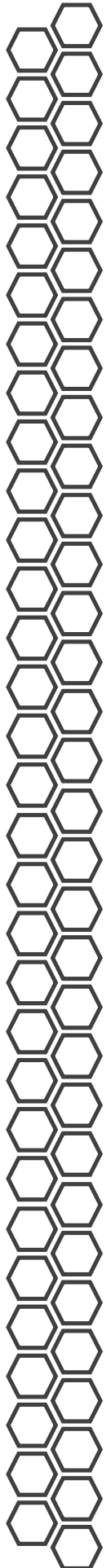
☐ RPE – specify: _____

Water / Eyewash Available: ☐ Yes ☐ No

Spill Kit Available: ☐ Yes ☐ No

Safety Signage Available: ☐ Yes ☐ No

Waste Route Confirmed: ☐ Yes ☐ No



Site-Specific Additional Hazards:

Additional Controls Required:

Residual Risk: ☐ Low ☐ Medium ☐ High

Approved By: _____

Signature: _____

Review Date: _____

21. Assessment Summary

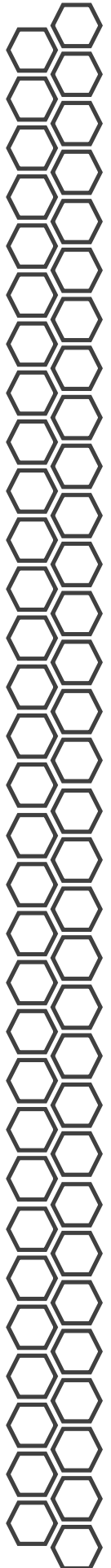
Provided that the current product Safety Data Sheet has been reviewed, personnel have received the required instruction and training, suitable PPE is worn, adequate ventilation is maintained and the adhesive is applied using its intended controlled manual application method, foreseeable occupational exposure during normal StarFix pedestal adhesive installation should be capable of being adequately controlled.

Particular emphasis must be placed upon preventing inhalation exposure because the reference product is classified as a respiratory sensitizer (H334).

The principal controls are therefore:

- Maintaining adequate ventilation.
- Avoiding the generation of vapour, mist and aerosol.
- Never spray-applying the adhesive.
- Preventing skin and eye contamination.
- Wearing appropriate gloves and other PPE.
- Using suitable respiratory protection where ventilation or engineering controls are inadequate.
- Controlling uncured spillages and waste.
- Ensuring applicable diisocyanate safe-use training has been completed.

The product's lack of a specific occupational exposure limit should not be interpreted as meaning that inhalation exposure can be ignored.



22. COSHH Assessment Statement

Provided that the current product Safety Data Sheet has been reviewed, suitable PPE is worn, good ventilation is maintained and the product is applied using the normal methods, foreseeable occupational exposure during normal StarFix adhesive installation can generally be controlled to a low level.

This document is a generic COSHH assessment template intended to assist customers using StarFix & StarFix-ZERO products. It does not replace the current product Safety Data Sheet or a site-specific COSHH assessment.

Individual workplaces may introduce additional hazards including confined spaces, poor ventilation, other chemicals, vehicle movements, hot works, machinery, ignition sources, restricted access or simultaneous trades.

Before work begins, the responsible person must review the current SDS for the specific StarFix product being used and assess the actual conditions at the installation site.

This document was last updated on 26/08/26.

