SPREE

FILL & FIX

CONSTRUCTION SEALANT
LIQUID NAILS

TECHNICAL DATA SHEET

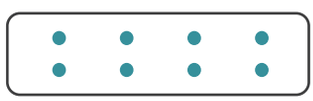
SPREE LIQUID NAILS (heavy-duty construction sealant/adhesive) is a type of general-purpose adhesive with strong bonding powder. It is a replacement for metallic nails. No more drilling holes for mounting. Liquid nail works excellent for many bonding materials such as wood, MDF board, gypsum board, stone, concrete, ceramics, metal, plastic, and rubber, etc.

FEATURES

- Strong bonding property, high bonding strength
- High flexibility and bonding power are not affected by shrinking of the building
- Wide application range, suitable for most materials, even wet wood
- Suitable for filling gaps, and cracks; Painting can be done after adhesive hardens
- Excellent weathering-resistance and water-proof property
- Non-toxic, no pollution, free of hazardous substances like benzene, formaldehyde, etc

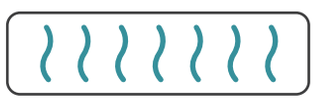
WAYS OF USAGE

- **For lightweight items:** Apply the glue in small dots.



- **For moderately heavy items:** Apply the glue in short lines.

- **For heavier items:** Apply the glue in short waves, and secure the items until the glue is fully dry.



NOTE

The quantity of **SPREE LIQUID NAILS** applied should correspond to the weight of the item/object, and it should be applied to a clean and good surface.

ADVANTAGES

- Weather Proof
- Long Standing Adhesion
- Fast Curing

USAGE OF SURFACES

RECOMMENDED FOR:

- ☑ **Floor**
- ☑ **Photo Frame**
- ☑ **Skirting**
- ☑ **Door Frame**
- ☑ **Ceramic Tiling**
- ☑ **Marble**
- ☑ **Display (Signs)**
- ☑ **Mirror**
- ☑ **Glass**
- ☑ **Metal**
- ☑ **Cement Wall**
- ☑ **Wood**
- ☑ **Wet Surface**
- ☑ **Any surface in good and clean condition**

NOT RECOMMENDED FOR:

- ☒ **Plaster Wall**
- ☒ **Paper Wall**

LIMITATIONS

- Not recommended for below-grade or water immersion applications.
- Not to be used in applications where the surrounding materials will exceed sustained temperatures of 180°F.
- Do not expose to water or rain for at least 24 hours after application.
- Application is recommended when the temperature of air and surface is 50°F (10°C) or above for a 24-hour period.
- Not recommended for application to bare steel that has not been protected with a rust-inhibitive primer.
- Do not apply if relative humidity is above 90%.
- Not to be used in aquariums.
- Do not freeze.

SHELF-LIFE / STORAGE

When stored below 27°C, SPREE LIQUID NAILS has a shelf life of 12 months in cartridges.

COLORS

- Clear
- Beige

DIRECTIONS FOR USE

- Ensure that the application area is clean and free of dust, dirt, grease and oil. In case of timber application, make sure that surface is completely dry.
- Carefully cut off the tip of the nozzle at desired bead and angle.
- Pierce the membrane inside to break the seal
- Apply acrylic sealant with a caulking gun in a continuous bead to the prepared joint. Use masking tape to get a clean, even sealant line and to eliminate cleaning difficulties on porous surfaces. Be sure to remove the tape before sealant begins to skin.
- Smooth down after application (within 3-5 minutes) before skin formation occurs, by using a flat or rounded tool. One can also use a finger, dipped in soapy water.
- Uncured sealant can easily be removed from hands or tools using a clean cloth soaked in solvents such as turpentine or paraffin. If removing uncured acrylic sealant from clothing, check fabric colour fastness before using the above mentioned solvents.
- Sealant will be touch dry within 1hr and reach full cure after approximately 24hrs.
- When fully cured, sealant can be removed by mechanical means, i.e. using a sharp knife or chemically.
- A pungent vinegar-like odour will be noted during application but will disappear as the sealant cures.
- If the area being sealed, needs to be painted, ensure the adhesive has dried completely before painting.

ATTENTION!

Heavy items/objects may require additional support materials to ensure proper adhesion.

PACKAGING

300ml/cartridge, 24pcs/ctn

SPREE

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CONSTRUCTION SEALANT
LIQUID NAILS

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION

Product name: Spree Construction Sealant Liquid Nails

2. HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

Acute toxicity, inhalation Category 1
Skin corrosion/irritation Category 3
Serious eye damage/eye irritation Category 2
Specific target organ toxicity, single exposure Category 1 (inhalation)

GHS LABEL ELEMENTS:

Signal word: Danger
Hazard statement(s): Harmful if inhaled. Causes mild skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. Causes damage to organs (inhalation).

PREVENTION

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not breathe dust/fume/gas/mist/vapours/spray. Wash ... thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE

If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see under for further information). Take off contaminated clothing and wash it before reuse.
If inhaled: Remove person to fresh air and keep comfortable for breathing. Contact a doctor if you feel unwell.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
If exposed or concerned: Call a poison center/doctor. Specific treatment (see under for further information).

STORAGE

Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F

DISPOSAL

Dispose of contents/container in accordance with local/regional/national/international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO.	CONCENTRATION (%)
Styrenic Block Copolymers	308079-71-2	25%
Butadiene-styrene resin	91261-65-3	20%
Calcium carbonate	71-34-1	45%
Ethyl Acetate	141-78-6	7%
Silica, Fumed	112945-52-5	3%

4 FIRST AID MEASURES

DESCRIPTION OF NECESSARY FIRST AID MEASURES

If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact: Remove contaminated clothing and wash off with plenty of running water.
In case of eye contact: Rinse thoroughly with plenty of running water for at least 15 minutes and consult a physician.
If ingestion: Rinse mouth with water.
Most important symptoms/effects, acute and delayed: /
Indication of immediate medical attention and special treatment needed, if necessary: /

5. FIREFIGHTING MEASURES

Suitable extinguishing media: Use foam, dry powder or water spray.
Special hazards arising from the chemical: Liquid, toxic smoke/fumes in a fire.
Special protective actions for fire-fighters: Wear self-contained breathing apparatus for firefighting if necessary. Use water spray to cool unopened containers. In case of fire in the surroundings, use appropriate extinguishing media.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: It is recommended that emergency personnel wear protective masks and fire protective overalls. Do not touch the spill directly.
Environmental precautions: Prevent further leakage or spillage if safe to do so.
Methods and materials for containment and cleaning up: Ensure adequate ventilation in leak area.

7. HANDLING AND STORAGE

Precautions for safe handling: Handling is performed in a well ventilated place. Operators should be trained and strictly follow the operating procedures. Operators are advised to wear protective masks, normal protective clothing and protective gloves. Operators should load and unload Operators should load and unload self-contained breathing apparatus MSHA/NIOSH approved or equivalent) and full protective gear during handling to prevent damage to the package. There should be leakage treatment equipment in workplace. Keep away from heat/sparks/open flames/ hot surfaces.
Conditions for safe storage, including any incompatibilities: Store in a cool, dry, well-ventilated warehouse. Keep away from fire and heat. Protect from direct sunlight. It should be stored separately from oxidants, flammable materials, etc., and should not be mixed.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control parameters: /
Appropriate engineering controls: Close strictly and provide sufficient local exhaust.
Individual protection measures
Eye/face protection: Wear a protective mask.
Skin protection: Wear normal protective clothing.
Respiratory protection: Air respirators should be worn during emergency rescue or evacuation.
Thermal hazards: /

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, colour etc)	An iron can contains a mixture of high pressure gas and liquid.
Odour	/
Odour Threshold	/
pH	/
Melting point/freezing point	/
Initial boiling point and boiling range	/
Flash point	/
Evaporation rate	/
Flammability (solid, gas)	/
Upper/lower flammability or explosive limits	/
Vapour pressure	/
Vapour density	/
Relative density	/
Solubility(ies)	/
Partition coefficient: n-octanol/water	/
Auto-ignition temperature	/
Decomposition temperature	/
Viscosity	/

10. STABILITY AND REACTIVITY

Reactivity: /
Chemical stability: The material is stable in normal temperature.
Possibility of hazardous reactions: /
Conditions to avoid: Spark, high temperature and static electricity.
Incompatible materials: Flammable materials.
Hazardous decomposition products: Oxycarbides, etc.

11. TOXICOLOGICAL INFORMATION

Information on the likely routes of exposure: Inhaled, swallowed, skin, eyes.
Symptoms related to the physical, chemical and toxicological characteristics: /
Acute health effects: Accidental ingestion of the material may be harmful and cause cough and throat irritation. Oral intake may cause nausea and other symptoms. This material may cause skin and eyes irritation.
Chronic health effects: Repeated or prolonged exposure may cause skin allergy.

12. ECOLOGICAL INFORMATION

Ecotoxicity: /
Persistence and degradability: /
Bioaccumulative potential: /
Mobility in soil: /
Other adverse effects: /

13. DISPOSAL CONSIDERATIONS

Before disposal should refer to the relevant national and local laws and regulation.

14. TRANSPORT INFORMATION

Transporting Label: Not applicable
Transport hazard class(es): /
Packing group, if applicable: /
Environmental hazards: /
Special precautions for user: /

15. REGULATORY INFORMATION

This safety data sheet is in compliance with the following national standards: GB/T 16483-2008, GB 13690-2009, GB 18218-2018, GB 15258-2009, GB 6944-2012, GB 190-2009, GB/T 191-2008, GB 12268-2012, GA 57-1993, GB/T 15098-2008, GBZ 2.1-2019, GBZ 2.2-2007 as well as the following national regulations: Dangerous Goods Transport Administrative Regulation, Dangerous Chemicals Safety Administrative Regulation.

16. OTHER INFORMATION

References: UN Recommendations on the Transport of Dangerous Goods Model Regulations
IPCS: The International Chemical Safety Cards (ICSC)

NOTE

Note 1: When products contain two or more hazardous substances, Safety Data Sheets should be prepared based on the risk of the mixture.
Note 2: Manufacturer/supplier should ensure the correctness of the information contained in the safety data sheets, and updated in a timely manner.
Note 3: As a result of product features without the existence of certain information or no data available (such as boiling point does not exist for the solid) in the table with "/" logo.