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## EXPRESS 9641

# Express 9641 Ammoniacal Stone 140g Instruction Manual

Brand: EXPRESS | Model: 9641

## 1. PRODUCT OVERVIEW

The Express 9641 Ammoniacal Stone is a specialized accessory weighing 140g, designed for the maintenance of soldering iron tips. Its primary function is to clean and strip soldering iron tips, ensuring optimal performance for various soldering tasks, particularly in roofing and zinc work.



Figure 1: Express 9641 Ammoniacal Stone, 140g, with product label showing reference number 9641.

## 2. SAFETY INFORMATION

Please read and understand all safety warnings before using this product. This product contains Ammonium Chloride (CAS: 12125-02-9).

- **H302:** Harmful if swallowed.
- **H319:** Causes serious eye irritation.
- **P101:** If medical advice is needed, have product container or label at hand.
- **P102:** Keep out of reach of children.
- **P103:** Read label before use.
- **P264:** Wash thoroughly after handling.
- **P270:** Do not eat, drink or smoke when using this product.
- **P280:** Wear protective gloves/protective clothing/eye protection/face protection.
- **P301 + P312:** IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.
- **P305 + P351 + P338:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- **P337 + P313:** If eye irritation persists: Get medical advice/attention.
- **P501:** Dispose of contents/container in accordance with local/regional/national/international regulations.



Figure 2: Product packaging displaying safety warnings and handling instructions. Barcode: [3189640696419](#).

## 3. SETUP AND PREPARATION

The Express 9641 Ammoniacal Stone is designed for use with specific supports, such as Reference 9640 and 9645. Ensure you have the correct support for stable and safe operation.

1. Unpack the ammoniacal stone from its protective wrapping.
2. Place the stone securely into its designated support (e.g., Express Reference 9640 or 9645).
3. Ensure the work area is well-ventilated and clear of flammable materials.



Figure 3: The ammoniacal stone as supplied, wrapped for protection.

## 4. OPERATING INSTRUCTIONS

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This ammoniacal stone is used to clean and strip the tips of soldering irons, particularly those used in roofing and zinc work. Proper use ensures a clean tip for perfect and homogeneous soldering.

1. Heat your soldering iron to its operating temperature.
2. Gently rub the hot soldering iron tip across the surface of the ammoniacal stone.
3. Observe as residues and oxidation are removed from the tip.
4. Repeat the process as necessary until the soldering iron tip is clean and shiny.
5. After cleaning, tin the tip immediately with solder to prevent re-oxidation.

**Note:** Always ensure adequate ventilation when using the ammoniacal stone, as fumes may be produced during the cleaning process.

## 5. MAINTENANCE AND STORAGE

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To ensure the longevity and effectiveness of your Express 9641 Ammoniacal Stone, follow these maintenance and storage guidelines:

- After use, allow the stone to cool completely if it has become warm from contact with the soldering iron.
- Store the ammoniacal stone in a dry place, away from moisture and direct sunlight.
- Keep the stone in its original packaging or a sealed container to prevent contamination and prolong its shelf life.
- Avoid dropping the stone, as it may break or crack.

## 6. TROUBLESHOOTING

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If you encounter issues while using the ammoniacal stone, consider the following:

- **Ineffective Cleaning:**
  - Ensure the soldering iron tip is sufficiently hot. The stone works best with a hot tip.
  - Verify that the tip is making firm contact with the stone's surface.
  - The tip might be severely oxidized or pitted. In some cases, mechanical cleaning (e.g., with a brass wire brush) might be needed before using the stone.
- **Excessive Fumes:**
  - Ensure your work area is adequately ventilated. Use a fume extractor if available.
  - Avoid prolonged contact or excessive pressure, which can generate more fumes.

7. SPECIFICATIONS

Feature	Specification
Brand	EXPRESS
Model Number	9641
Product Dimensions (L x W x H)	80 x 51 x 25 mm (approx. 8 x 8 x 5 cm)
Weight	140 grams (approx. 150g packaged)
Material	Ammoniacal Stone (Ammonium Chloride)
Intended Use	Cleaning and stripping soldering iron tips for roofing and zinc work.
Components Included	140g Ammoniacal Stone (for use with support ref. 9640)

8. WARRANTY AND SUPPORT

EXPRESS is committed to providing the best possible customer experience. If you are not entirely satisfied with your product, please contact our after-sales service. We will work to find a solution to ensure your complete satisfaction. For support or inquiries, please refer to the contact information provided on the product packaging or the official EXPRESS website.



Figure 4: The official EXPRESS brand logo.