

## EFS-6500 MONUMENTAL SURFACE CLEANER

### TECHNICAL DATA SHEET

1. **Product Description & Use:** EFS-6500 is a revolutionary bioorganic **Monumental Surface Cleaner** that is safe for the user, substrate and the environment. It is classified as non-hazardous, pH neutral, contains no Methylene chloride, acids, salts, caustic and is biodegradable. This is a water based cleaner, which is extremely effective for removing multiple forming bioorganic, environmental and pollutant coatings on soft, porous stone, brick and concrete. **EFS-6500** is exceptional for all monumental cleaning e.g. gravestones, monuments and historical buildings. **EFS-6500** is great for applying quickly over a large amount of surface area along with tough places to reach with its spray on application capability. **EFS-6500** is formulated to be fast acting; only taking 10 to 45 minutes to work depending on condition of the substrate. This product also has a shelf life of 5 years and will not etch metals or glass in anyway.

2. **Features & Benefits:**

- **Safe:** Defined by NTP, IARC, or OSHA, the **EFS-6500** is considered essentially to have an oral LD50 of 8.0 g/kg of body weight. No special ventilation is required during use.
- **Effective:** Fast acting. Removes stains, mold, algae, mildew, lichens and air pollutants while being effective on marble, granite, limestone, brownstone, travertine, masonry, terra cotta, concrete, stucco, wood, and other architectural surfaces including monuments, sculptures and headstones.
- **Environmentally Friendly:** Water based, biodegradable, pH neutral, no TAP's, no HAPs, non-mutagenic and can be discarded into municipal sewage systems. It is also extremely safe to use around plants and vegetation.
- **Simple:** Easy to apply and easy to remove.

3. **Limitations:** For the best results, surface temperature should be 15°C (60°F) - 35°C (95°F). Product can be applied as low as 3°C (37°F), however, efficiency and effectiveness are reduced, and dwell times are increased.

4. **Testing:** Always prepare a test area on each type of surface and coating prior to full application. Testing prior to starting your project is the best way to ensure product suitability. This will also determine how thick of layer you should apply and the dwell time for completion.

**Preparation:** Cover/protect areas where you do not want the **EFS-6500** to get in contact with. Polyethylene (plastic sheets) and masking tape can create an effective barrier. Plants and or any type of vegetation should be covered as well, or you can simply rinse them off and the **EFS-6500** will have not damage them.

5. **Application & Spread Rate:** Make sure surface is dry, then apply **EFS-6500** using a brush, roller or airless spray. **EFS-6500** provides an average spray rate of 250 - 350 sq. ft. per gallon; results may vary depending on severity of situation. Note: For low severity situations **EFS-6500** can be mixed into pressure washing systems and mixed in with water.

**Removal:** Remove coating using a soft nylon or neutral brush or light power washer. Pay particular attention to crevices, grooves and cracks. The surface should be rinsed thoroughly with a power washer once finished. Interior surfaces can be rinsed using a spray bottle or pail, a sponge and water.

**Clean Up:** Clean up airless sprayer by running water or soapy water through the equipment soon after application has been completed. Allow surface to dry thoroughly before repainting or applying sealer.

6. **Availability & Cost:** The **EFS-6500** is available at **Molecular Tech Coating Inc.**

7. **Maintenance:** No other service is required after project is finished, however, for servicing brick, stone, and or concrete and want to prolong conservation we recommend you apply our **Densifier Sealer** that works to strengthen brick, stone, and concrete substrates while protecting it from water and weather conditions.

8. **Health & Safety Requirements:** Not for internal consumption. While **EFS-6500** is formulated to be safe for the user, surface and environment, proper safety procedures should be followed at all times. Refer to the Material Safety Data Sheet (SDS) for important health and safety information and protocol.

*Note: In case of contact with skin or eyes, wash well with water. If irritation continues seek medical attention. Keep out of reach of children.*

9. **Warranty:** **Molecular Tech Coating Inc.** warrants all of its products to be free from defects and makes no other warranties with respect to its products, express or implied, including without limitation of the implied warranties of MERCHANTABILITY OF FITNESS FOR PARTICULAR PURPOSE. **Molecular Tech Coating Inc.** liability shall be limited in all events to supplying sufficient products to re-treat the specific areas to which defective product have been applied. **Molecular Tech Coating Inc.** shall have no other liability, including liability for incidental, consequential or resultant damages whether due to breach of warranty or

negligence. This warranty may not be modified or extended by representatives of **Molecular Tech Coating Inc.** or its distributors, and dealers.

10. **Technical Services:** **Molecular Tech Coating Inc.**'s highly experienced staff is available to answer technical questions and provide product-specific information required by architects, specifiers, contractors and property owners. Expert on-site assistance is available at no additional cost. Call 1-604-616-2661.

11. **Technical Data**

Color	Transparent
Gloss	None
Vapor pressure	As water
Specific Gravity	1.01g/cc
PH	5.8-7.2
Flash Point	212°F
Solubility in Water	Complete
Viscosity	As water
VOC	0 g/l