



REVOLUTIONARY INTERNAL ANTI-STICK TREATMENT FOR READY MIX DRUMS AND EQUIPMENT

- Eliminates Build Up
- Epoxy Free
- Non-Butyl
- Non-Flammable
- Non-Fuming
- Non-Staining
- Lasts for Months
- Non-Regulated
- No Drum Entry Needed
- Works on Composite or Steel Drums

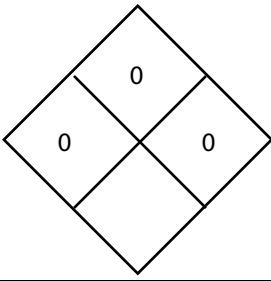
Once again, EMS and its OEM partners have teamed up to eliminate a costly and dangerous process in the world of ready mix. By combining the properties of its patented SynGuard and its revolutionary anti-abrasion chemical, EMS has developed a simple process that easily coats the inside of steel or composite drums with a surface boasting 100 times the anti-stick properties of Teflon®.

Fusion® bonds with composite or steel to create a barrier that will not allow concrete to stick to the internal walls and fins of the drum. The immediate results include less water needed for washouts, maximum discharge, no added weight due to hardened concrete on the interior surfaces, and no damage to the fins due to concrete becoming detached during normal operations and top side revolutions. Long term, it means no more chipping concrete from the drum, an expensive and dangerous process.

Fusion adheres to the interior surface of the drum, hopper and chutes, will not break down with any mix design, will not fall into the mix solution. Independent lab results show that Fusion lasts up to 2,000 yards of delivered concrete. Field results have hundreds of trucks still going strong after 1,000 yards. It has been tested successfully with design mixes from 2,500-10,000 PSI, including PRPM mixes. Fusion will not interfere with compaction test results and is 100% safe for all pours, including D.O.T. pours.

Customers will be able to order new mixers from certain OEMs pre-treated at the factory with Fusion. When it's time for a new application, producers simply re-apply on site. Fusion can be sprayed, mopped or sponged on while inside the drum or done without entering the drum. No mixing, heating or special drying equipment is needed.





Material Safety Data Sheet



This MSDS complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200 and OSHA FORM 174. OMB No. 1218-0072

Identity (Trade Name As Used On

SECTION 1 - COMPANY/PRODUCT

Manufacturer's Name: Environmental Manufacturing Solutions, L.L.C.

Address: 7705 Progress Circle
Melbourne, Florida 32904

Phone Number (For Information): 321-837-0050

Emergency Phone Number: (Chemtrec) 800-424-9300

IDENTITY: Fusion SD

CAUSE FOR MSDS: NON-Regulated

MSDS Number: N/A

Date Prepared: REVISED 08/06/07

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

SECTION 2 - HAZARD INGREDIENTS/IDENTITY INFORMATION

| COMPONENTS - Chemical Name & Component Names (Hazardous Components 1% or greater. Carcinogens 1% or more) | OSHA PEL | ACGIH TLV | OTHER LIMIT RECOMMENDED |
|---|----------|-----------|-------------------------|
| NON-HAZARDOUS / NON-REGULATED / NON-NITRATE FORMULA | N/A | N/A | N/A |
| NON AS PER 29CFR Part 1910.1200. | | | |
| See Section-Federal Register Vol. 48 No. 228 Nov. 25, 1983 Rules & Regulations | | | |
| | | | |
| | | | |

SECTION 3 - PHYSICAL / CHEMICAL CHARACTERISTICS

| | |
|---|---|
| Boiling Point 227° F | Specified Gravity (H2O = 1) 1.08 |
| Vapor Pressure (mm Hg.) 18 | Melting Point N/A |
| Vapor Density >1 | Evaporation Rate (Butyl Acetate = 1) <.01 |
| Solubility In Water 100% , miscible with cold water | Appearance and Odor Off White Mild Odor |

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

| | | |
|---------------------------------|----------------------------|---------|
| Flash Point (Method Used) None | Flammable None | LEL N/A |
| Extinguisher Media None | Special Fire Fighting None | UEL N/A |
| Unusual Fire and Explosion None | | |

SECTION 5 - REACTIVITY DATA

| | |
|--|--------------------|
| STABILITY: Unstable No | Stable Yes-100% |
| CONDITIONS TO AVOID: None Known | |
| Incompatibility (Materials to) None Known | |
| Hazardous Decomposition or Byproducts None | |
| HAZARDOUS POLYMERIZATION: May Occur No | Will Not Occur Yes |
| CONDITIONS TO AVOID: None | |
| N/A | |

SECTION 6 - HEALTH HAZARD DATA

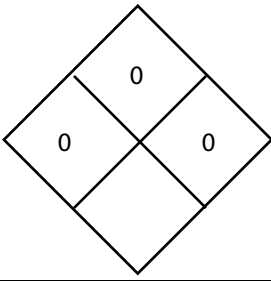
| | | | | | | |
|---|--|---|-------|----|------------|-----|
| ROUTE(S) OF | Inhalation | No | Skin? | No | Ingestion? | Yes |
| HEALTH HAZARDS | (Acute and Chronic) | If Ingested, May cause loose Stools. Drink Plenty of Water and Consult a Physician. Do not Induce Vomiting. | | | | |
| N/A | | | | | | |
| N/A | | | | | | |
| CARCINOGENICITY | NTP? | No | IARC | No | OSHA | No |
| SIGNS AND SYMPTOMS OF EXPOSURE: | None Known, See HEALTH HAZARDS | | | | | |
| N/A | | | | | | |
| MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: | None Known | | | | | |
| N/A | | | | | | |
| EMERGENCY AND FIRST AID | As with any Chemical, Use Caution and Good Safety Measures when in use. Ingestion: Drink Plenty of Water/2-3 Glasses | | | | | |
| and Consult Physician Immediately. Eyes: Flush with Plenty of Water for 1-2 Minutes. Skin: Wash Thoroughly with Soap and Water . Inhalation: Remove to Fresh Air. | | | | | | |

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

| | | | | | | |
|---|--|--|--|--|--|--|
| Steps to Be Taken in Case Material is Released or Spilled | Spilled Material should be washed away promptly with copious amounts of water. | | | | | |
| Product Material may be instantly Neutralized with Lite Soda Ash However, is not necessary or needed to neutralize. | | | | | | |
| N/A | | | | | | |
| Waste Disposal Method | As with all Chemical Product and Materials, Dispose of Residue in Accordance with Federal, State and Local Guidelines. | | | | | |
| Always offer Drums and/or Bulk Containers to be returned to your Supplier or for Recycling to your local Recycler. | | | | | | |
| Precautions to Be Taken in Handling and Storing | None Known. As with all Chemical Products and Materials, take care as to where and how you store them. | | | | | |
| N/A | | | | | | |
| Other | None Known | | | | | |
| N/A | | | | | | |
| N/A | | | | | | |

SECTION 8 - Control Measures

| | | | | | | |
|--|---|--|--|--|--|--|
| Respiratory Protection | When used in a confined space, follow all applicable confined space rules and regulations, including but not limited to the use of a NIOSH certified respirator | | | | | |
| Ventilation | No Special Ventilation is Known to be Needed. | | | | | |
| Local | N/A | | | | | |
| Special | N/A | | | | | |
| Other | N/A | | | | | |
| Mechanical (General) | N/A | | | | | |
| Protective Gloves | N/A | | | | | |
| Eye Protection | As with any Chemical Product or Material, care should be taken as not to get anything in the Eyes. Safety Glasses or Goggles should be worn. | | | | | |
| Other Protective Clothing or Equipment | N/A | | | | | |
| N/A | | | | | | |
| Work/Hygienic Practices | N/A | | | | | |
| N/A | | | | | | |



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| CARCINOGENICITY | NTP? | No | IARC | No | OSHA | No |
| SIGNS AND SYMPTOMS OF EXPOSURE: | None Known, See HEALTH HAZARDS | | | | | |
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| Special | N/A | | | | | |
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| Other Protective Clothing or Equipment | N/A | | | | | |
| N/A | | | | | | |
| Work/Hygienic Practices | N/A | | | | | |
| N/A | | | | | | |