



# SAFETY DATA SHEET

Revision Date 15-March-2022

Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

**Product Name** Foremost 1228-ES Sure Step HD Dark Gray

**UN/ID No** UN1866  
**Product Code** 1228-ES

### Recommended Use of the Chemical and Restrictions on Use

**Recommended Use** Paint

### Details of the Supplier of the Safety Data Sheet

#### **Supplier Address**

Delta Foremost Chemical Corporation  
3915 Air Park St.  
Memphis, Tennessee 38118

#### **Emergency Telephone Number**

**Company Phone Number** (901) 363-4340  
**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

### Classification

|  |             |
|--|-------------|
| Skin Corrosion/Irritation                        | Category 2  |
| Serious Eye Damage/Eye Irritation                | Category 2  |
| Flammable Liquids                                | Category 2  |
| Specific Target Organ Toxicity Repeated Exposure | Category 1  |
| Carcinogen                                       | Category 1A |

### Signal Word

**DANGER**

### Hazard Statements

Causes skin irritation  
Causes serious eye irritation  
Highly flammable liquid and vapor  
May cause cancer by inhalation. Causes damage to lungs through prolonged or repeated exposure by inhalation.



**Appearance** Charcoal gray liquid

**Physical State** Liquid

**Odor** Solvent

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
 Keep container tightly closed  
 Ground/bond container and receiving equipment  
 Use explosion-proof equipment  
 Use only non-sparking tools  
 Take precautionary measures against static discharge  
 Do not breathe dust.  
 Causes damage to lungs through prolonged or repeated exposure through inhalation.  
 In case of inadequate ventilation, wear respiratory protection.

**Precautionary Statements - Response**

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 ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
 Wash contaminated clothing before reuse  
 If skin irritation persists: Get medical advice/attention  
 In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store in a well-ventilated place.

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other Hazards**

Toxic to aquatic life with long lasting effects  
 Toxic to aquatic life

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No     | Weight-%    |
|---------------|------------|-------------|
| Xylene        | 1330-20-7  | Proprietary |
| Silica Sand   | 14808-60-7 | Proprietary |

Product contains a proprietary mixture of ingredients.

### 4. FIRST AID MEASURES

**First Aid Measures**

|                       |  |
|-----------------------|--|
| <b>General Advice</b> | Provide this SDS to medical personnel for treatment.   |
| <b>Eye Contact</b>    | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.   |
| <b>Skin Contact</b>   | Wash off immediately with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.   |
| <b>Inhalation</b>     | Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician / poison center if individual's condition declines or if symptoms persist. If irritation develops from breathing dust, move the person from the overexposure and seek medical attention if needed. |

**Ingestion** Do NOT induce vomiting. Immediate medical attention is required.

**Most Important Symptoms and Effects, both Acute and Delayed**

**Symptoms** Nausea, dizziness, irritation to skin and/or mucous membranes.

**Indication of any Immediate Medical Attention and Special Treatment Needed**

**Note to Physicians** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Foam, carbon dioxide, dry chemical extinguisher, or water spray.

**Unsuitable Extinguishing Media** Water jet.

**Specific Hazards Arising from the Chemical**

Flammable/combustible material. May be ignited by heat, sparks or flames. Vapors may travel to source of ignition and flash back. Container may explode in heat or fire.

**Hazardous Combustion Products** Carbon monoxide.

**Sensitivity to Static Discharge** Flammable mixtures of this product are readily ignited even by static discharge.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Water may be used to cool closed containers to prevent pressure buildups and possible ignition or explosion when exposed to extreme heat. Use air-supplied equipment for enclosed areas.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures**

**Personal Precautions** ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). In case of a spill, clear the affected area and protect people. Wear protective clothing as described in Section 8 of this safety data sheet.

**Environmental Precautions** Prevent entry into waterways, sewers, basements or confined areas.

**Methods and Material for Containment and Cleaning Up**

**Methods for Containment** For small spills, absorb on polypads or other suitable non-reactive absorbent materials. For large spills, dike far ahead of spill for later disposal. Absorb with materials such as: non-combustible material, cat litter / sand.

**Methods for Cleaning Up** Use clean non-sparking tools to collect absorbed material. Sweep up absorbed material and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. For waste disposal, see section 13 of the SDS.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Ensure containers are properly labeled. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Avoid contact with skin, eyes or clothing. Wash contaminated clothing before reuse. Wash face, hands, and any exposed skin thoroughly after handling. When using do not eat, drink or smoke. Keep containers closed when not in use. Use non-sparking hand tools and explosion-proof electrical equipment. Take precautionary measures against static discharges. Ground all equipment to prevent buildup of static charge.

**Conditions for Safe Storage, Including any Incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Materials** Strong oxidizers such as permanganate.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

| Chemical Name             | ACGIH TLV                                     | OSHA PEL   | NIOSH IDLH                                   |
|---------------------------|---|--|--|
| Xylene<br>1330-20-7       | STEL: 150 ppm<br>TWA: 100 ppm                 | TWA: 100 ppm<br>TWA: 435 mg/m <sup>3</sup><br>(vacated) TWA: 100 ppm<br>(vacated) TWA: 435 mg/m <sup>3</sup><br>(vacated) STEL: 150 ppm<br>(vacated) STEL: 655 mg/m <sup>3</sup> | -  |
| Silica Sand<br>14808-60-7 | 0.025 mg/m <sup>3</sup> TWA (respirable dust) | 0.05 mg/m <sup>3</sup> TWA (respirable dust)   | 0.05 mg/m <sup>3</sup> TWA (respirable dust) |

**Appropriate Engineering Controls**

**Engineering Controls** Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS.

**Individual Protection Measures, such as Personal Protective Equipment**

**Eye/Face Protection** Splash goggles or safety glasses.

**Skin and Body Protection** Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

**Respiratory Protection** Solvent type mask.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on Basic Physical and Chemical Properties**

|                                     |                      |                         |                |
|-------------------------------------|----------------------|-------------------------|----------------|
| <b>Physical State</b>               | Liquid               | <b>Odor</b>             | Solvent        |
| <b>Appearance</b>                   | Charcoal gray liquid | <b>Odor Threshold</b>   | Not determined |
| <b>Color</b>                        | Charcoal gray        |                         |                |
| <b>Property</b>                     | <b>Values</b>        | <b>Remarks • Method</b> |                |
| <b>pH</b>                           | Not determined       |                         |                |
| <b>Melting Point/Freezing Point</b> | Not determined       |                         |                |
| <b>Boiling Point/Boiling Range</b>  | 142.77 °C / 289 °F   |                         |                |
| <b>Flash Point</b>                  | 27.22 °C / 81 °F     | Tag Closed Cup          |                |

|                              |                    |                     |
|------------------------------|--------------------|---------------------|
| Evaporation Rate             | 11.5               | (butyl acetate = 1) |
| Flammability (Solid, Gas)    | Not determined     |                     |
| Upper Flammability Limits    | 7.0%               |                     |
| Lower Flammability Limit     | 1.0%               |                     |
| Vapor Pressure               | 7 (mm Hg)          |                     |
| Vapor Density                | 3.7                | (Air=1)             |
| Specific Gravity             | 1.319              | (1=Water)           |
| Water Solubility             | Insoluble in water |                     |
| Solubility in Other Solvents | Not determined     |                     |
| Partition Coefficient        | Not determined     |                     |
| Autoignition Temperature     | Not determined     |                     |
| Decomposition Temperature    | Not determined     |                     |
| Kinematic Viscosity          | Not determined     |                     |
| Dynamic Viscosity            | Not determined     |                     |
| Explosive Properties         | Not determined     |                     |
| Oxidizing Properties         | Not determined     |                     |

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

**Hazardous Polymerization**      Hazardous polymerization does not occur.

### Conditions to Avoid

Keep away from oxidizers, heat and open flame.

### Incompatible Materials

Strong oxidizers such as permanganate.

### Hazardous Decomposition Products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure

#### Product Information

**Eye Contact**      Causes serious eye irritation.

**Skin Contact**      Causes skin irritation.

**Inhalation**      Over-exposure to vapors could result in upper respiratory tract irritation. Inhalation of dust may cause respiratory tract irritation. Symptoms of exposure may include cough, sore throat, nasal congestion, sneezing, wheezing and shortness of breath.

**Ingestion**      Ingestion may cause irritation to mucous membranes.

### Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---------------|-----------|-------------|-----------------|
|               |           |             |                 |

|                     |                      |                         |  |
|---------------------|----------------------|-------------------------|--|
| Xylene<br>1330-20-7 | = 4300 mg/kg ( Rat ) | > 1700 mg/kg ( Rabbit ) | = 5000 ppm ( Rat ) 4 h = 47635<br>mg/L ( Rat ) 4 h |
|---------------------|----------------------|-------------------------|--|

### Information on Physical, Chemical and Toxicological Effects

**Symptoms** Please see section 4 of this SDS for symptoms.

### Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

**California Proposition 65:** Crystalline silica (airborne particles of respirable size) is classified as a substance known to the State of California to be a carcinogen.

| Chemical Name       | ACGIH | IARC    | NTP | OSHA |
|---------------------|-------|---------|-----|------|
| Xylene<br>1330-20-7 |       | Group 3 |     |      |

*IARC (International Agency for Research on Cancer)*

*Group 3 IARC components are "not classifiable as human carcinogens"*

### Numerical Measures of Toxicity

Not determined

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Toxic to aquatic organisms. Toxic to aquatic life with long lasting effects.

| Chemical Name       | Algae/aquatic plants | Fish  | Toxicity to microorganisms | Crustacea  |
|---------------------|----------------------|---|----------------------------|--|
| Xylene<br>1330-20-7 |                      | 13.4: 96 h Pimephales promelas mg/L LC50 flow-through 2.661 - 4.093: 96 h Oncorhynchus mykiss mg/L LC50 static 13.5 - 17.3: 96 h Oncorhynchus mykiss mg/L LC50 13.1 - 16.5: 96 h Lepomis macrochirus mg/L LC50 flow-through 19: 96 h Lepomis macrochirus mg/L LC50 7.711 - 9.591: 96 h Lepomis macrochirus mg/L LC50 static 23.53 - 29.97: 96 h Pimephales promelas mg/L LC50 static 780: 96 h Cyprinus carpio mg/L LC50 semi-static 780: 96 h Cyprinus carpio mg/L LC50 30.26 - 40.75: 96 h Poecilia reticulata mg/L LC50 static | EC50 = 0.0084 mg/L 24 h    | 3.82: 48 h water flea mg/L EC50 0.6: 48 h Gammarus lacustris mg/L LC50 |

### Persistence and Degradability

Not determined

### Bioaccumulation

Not determined

### Mobility

| Chemical Name       | Partition Coefficient |
|---------------------|-----------------------|
| Xylene<br>1330-20-7 | 2.77 - 3.15           |

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

| Chemical Name       | RCRA | RCRA - Basis for Listing          | RCRA - D Series Wastes | RCRA - U Series Wastes |
|---------------------|------|-----------------------------------|------------------------|------------------------|
| Xylene<br>1330-20-7 |      | Included in waste stream:<br>F039 |                        | U239                   |

| Chemical Name       | California Hazardous Waste Status |
|---------------------|-----------------------------------|
| Xylene<br>1330-20-7 | Toxic<br>Ignitable                |

**14. TRANSPORT INFORMATION**

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT**

**UN/ID No** UN1866  
**Proper Shipping Name** Resin Solution  
**Hazard Class** 3  
**Packing Group** II  
**Reportable Quantity (RQ)** 1000lbs for Xylene

**IATA**

**UN/ID No** UN1866  
**Proper Shipping Name** Resin Solution  
**Hazard Class** 3  
**Packing Group** II

**IMDG**

**UN/ID No** UN1866  
**Proper Shipping Name** Resin Solution  
**Hazard Class** 3  
**Packing Group** II

**15. REGULATORY INFORMATION**

**International Inventories**

Not Determined

**Legend:**

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*
- ENCS - Japan Existing and New Chemical Substances*

*IECSC - China Inventory of Existing Chemical Substances*  
*KECL - Korean Existing and Evaluated Chemical Substances*  
*PICCS - Philippines Inventory of Chemicals and Chemical Substances*

**US Federal Regulations****CERCLA**

| Chemical Name       | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ)                  |
|---------------------|--------------------------|----------------|---|
| Xylene<br>1330-20-7 | 100 lb                   |                | RQ 100 lb final RQ<br>RQ 45.4 kg final RQ |

**SARA 311/312 Hazard Categories**

Acute health hazard Yes  
 Fire hazard Yes

**SARA 313**

| Chemical Name      | CAS No    | Weight-%    | SARA 313 - Threshold Values % |
|--------------------|-----------|-------------|-------------------------------|
| Xylene - 1330-20-7 | 1330-20-7 | Proprietary | 1.0                           |

**CWA (Clean Water Act)**

| Component                           | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|-------------------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Xylene<br>1330-20-7 ( Proprietary ) | 100 lb                      |                        |                           | X                          |

**US State Regulations****U.S. State Right-to-Know Regulations**

| Chemical Name             | New Jersey | Massachusetts | Pennsylvania |
|---------------------------|------------|---------------|--------------|
| Xylene<br>1330-20-7       | X          | X             | X            |
| Silica Sand<br>14808-60-7 | X          |               | X            |

**California Prop 65**

Crystalline silica (airborne particles of respirable size) is classified as a substance known to the State of California to be a carcinogen.

**California Inhalation Reference Exposure Level (REL)**

California established a chronic non-cancer effect REL of 3µg for silica (crystalline, respirable). A chronic REL is an airborne level of a substance at or below which no non-cancer health effects are anticipated in individuals indefinitely exposed to the substance at that level.



**16. OTHER INFORMATION**

|                    |                       |                     |                         |                            |
|--------------------|-----------------------|---------------------|-------------------------|----------------------------|
| <b><u>NFPA</u></b> | <b>Health Hazards</b> | <b>Flammability</b> | <b>Instability</b>      | <b>Special Hazards</b>     |
|                    | 2                     | 3                   | 0                       | Not determined             |
| <b><u>HMIS</u></b> | <b>Health Hazards</b> | <b>Flammability</b> | <b>Physical Hazards</b> | <b>Personal Protection</b> |
|                    | 2                     | 3                   | 0                       | Not determined             |

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 Revision Note New format

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**