

**CrysCoat® 2707 FF**

Version 1.1

Revision Date 12/07/2015

Print Date 12/07/2015

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : CrysCoat® 2707 FF

Substance number : REL\_11349

Chemical usage : Surface Pre-treatment material

**Manufacturer or supplier's details**

Company : Chemetall US, Inc.

Address : 675 Central Avenue  
New Providence NJ 07974

Telephone : (800) 526-4473

Telefax : (908) 464-4658

Emergency telephone no : CHEMTREC - 800-424-9300, 1-703-527-3887 (International)

**SECTION 2. HAZARDS IDENTIFICATION****Emergency Overview**

Appearance	liquid
Colour	Pale Yellow
Odour	mild
Hazard Summary	Causes irritation of eyes May be harmful if swallowed May cause skin irritation.

**GHS Classification**

Eye irritation : Category 2B

**GHS Label element**

Signal word : Warning

Hazard statements : Causes eye irritation.

Precautionary statements : **Prevention:**  
Wash skin thoroughly after handling.  
**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.

**Potential Health Effects**

Inhalation : yes

**CrysCoat® 2707 FF**

Version 1.1

Revision Date 12/07/2015

Print Date 12/07/2015

Skin : yes

Ingestion : yes

Aggravated Medical Condition : None known.

**Carcinogenicity:****IARC**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**ACGIH**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

**OSHA**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**NTP**

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture :

**Hazardous components**

Component	CAS-No.	Weight percent
Sodium nitrate	7631-99-4	5 - 10
Trade Secret Registry	735517-5124P	1 - 5
Trade Secret Registry	735517-5044P	1 - 5
E.P. Fatty Alcohol	174955-61-4	0.1 - 1

Unidentified ingredients are considered not hazardous under Federal Hazard Communication Standard (29CFR 1910.1200).

Specific chemical identity of composition has been withheld as a trade secret.

Exact percentage of composition has been withheld as a trade secret.

**SECTION 4. FIRST AID MEASURES**

If inhaled : Move to fresh air.  
If symptoms persist, call a physician.  
If breathing is irregular or stopped, administer artificial respiration.

In case of skin contact : Wash off immediately with plenty of water for at least 15 minutes.  
Take off contaminated clothing and shoes immediately.

**CrysCoat® 2707 FF**

Version 1.1

Revision Date 12/07/2015

Print Date 12/07/2015

Call a physician if irritation develops or persists.

- In case of eye contact : Rinse immediately with plenty of water for at least 15 minutes.  
Keep eye wide open while rinsing.  
Get medical attention immediately
- If swallowed : Rinse mouth.  
Drink 1 or 2 glasses of water.  
Never give anything by mouth to an unconscious person.  
Get medical attention immediately

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**SECTION 5. FIREFIGHTING MEASURES**

- Suitable extinguishing media : Water spray  
Foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical
- Further information : Use water spray to cool unopened containers.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions, protective equipment and emergency procedures : Ensure adequate ventilation.
- Methods and materials for containment and cleaning up : Ventilate area.  
Neutralize with lime milk or soda and flush with plenty of water.  
Clean up with inert absorbant material.  
Keep in suitable, closed containers for disposal.  
Flush with plenty of water.
- Additional advice : Never return spills in original containers for re-use.

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**SECTION 7. HANDLING AND STORAGE**

- Advice on safe handling : Use only with adequate ventilation.  
Add this product to surface of solution slowly to avoid spattering  
Do not add large amounts of product to solution at any one time.  
Mix prior to use if exposed to temperatures above 90 F
- Conditions for safe storage : Store indoors in a cool, well-ventilated place  
Keep container closed to prevent drying out.  
Keep container out of sun and away from heat.  
Keep containers dry and tightly closed to avoid moisture absorption and contamination.

**CrysCoat® 2707 FF**

Version 1.1

Revision Date 12/07/2015

Print Date 12/07/2015

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**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Components with workplace control parameters**

Contains no substances with occupational exposure limit values.

**Personal protective equipment**

- |                          |   |
|--------------------------|---|
| Respiratory protection   | : If the occupational exposure limits cannot be met, suitable respirator equipment shall be worn.   |
| Hand protection          |   |
| Remarks                  | : Impervious gloves   |
| Eye protection           | : Chemical resistant goggles must be worn.<br>Face-shield   |
| Skin and body protection | : Rubber or plastic apron   |
| Hygiene measures         | : Avoid contact with skin, eyes and clothing.<br>Wear suitable gloves and eye/face protection.<br>Wear suitable protective clothing.<br>Wash hands before breaks and immediately after handling the product.<br>Provide adequate ventilation.<br>Do not inhale fumes.<br>Keep away from food and drink. |

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

- |                             |                          |
|-----------------------------|--------------------------|
| Appearance                  | : liquid                 |
| Colour                      | : Pale Yellow            |
| Odour                       | : mild                   |
| pH                          | : 2.5 - 3.5              |
| Freezing point              | : < -1 °C                |
| Boiling point/boiling range | : no data available      |
| Flash point                 | :<br>does not flash      |
| Evaporation rate            | : (Water =1) Less than 1 |
| Upper explosion limit       | : Not applicable.        |
| Lower explosion limit       | : Not applicable.        |
| Vapour pressure             | : no data available      |
| Relative density            | : 1.134                  |
| Bulk density                | : 9.46 lb/gal            |
| Solubility(ies)             |                          |
| Water solubility            | : completely soluble     |

**CrysCoat® 2707 FF**

Version 1.1

Revision Date 12/07/2015

Print Date 12/07/2015

Partition coefficient: n-octanol/water	: no data available
Auto-ignition temperature	: No data available
Thermal decomposition	: No data available
Viscosity, dynamic	: No data available

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**SECTION 10. STABILITY AND REACTIVITY**

Conditions to avoid	: Avoid letting the product become dry. Direct sources of heat.
Incompatible materials	: Bases Organic materials Reducing agents Combustible material
Hazardous decomposition products	: Oxides of phosphorus Sulphur oxides Nitrogen oxides (NO <sub>x</sub> ) Carbon oxides

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**SECTION 11. TOXICOLOGICAL INFORMATION****Acute toxicity****Product:**

Acute oral toxicity	: Acute toxicity estimate : > 5,000.000000 mg/kg Method: Calculation method
Acute dermal toxicity	: Acute toxicity estimate : > 5,000.000000 mg/kg Method: Calculation method

**Components:****Sodium nitrate:**

Acute oral toxicity	: LD50 rat: 1,267.000000 mg/kg  LD50 rabbit: 2,680.000000 mg/kg
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**Trade Secret Registry:**

Acute oral toxicity	: LD50 rat: 7,200.000000 mg/kg
Acute dermal toxicity	: LD50 rabbit: 2,000.000000 mg/kg

**Trade Secret Registry:**

**CrysCoat® 2707 FF**

Version 1.1

Revision Date 12/07/2015

Print Date 12/07/2015

Acute oral toxicity : LD50 mouse: 980.000000 mg/kg

LD50 rat: 842.000000 mg/kg

Acute inhalation toxicity : Target Organs: Lungs, Mucous membranes

**E.P. Fatty Alcohol:**

Acute oral toxicity : LD50 rat: &gt; 200.000000 mg/kg

**Skin corrosion/irritation****Product:**

Result: Mild skin irritation

**Components:****Trade Secret Registry:**

Result: Skin irritation

**E.P. Fatty Alcohol:**

Result: Skin irritation

**Serious eye damage/eye irritation****Product:**

Result: Mild eye irritation

**Components:****Sodium nitrate:**

Result: Eye irritation

**Trade Secret Registry:**

Result: Eye irritation

**E.P. Fatty Alcohol:**

Result: Eye irritation

**Respiratory or skin sensitisation**

no data available

**Germ cell mutagenicity**

no data available

**Carcinogenicity**

no data available

**Reproductive toxicity**

no data available

**STOT - single exposure**

**CrysCoat® 2707 FF**

Version 1.1

Revision Date 12/07/2015

Print Date 12/07/2015

no data available

**STOT - repeated exposure**

no data available

**Aspiration toxicity**

no data available

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity**

no data available

**Bioaccumulative potential****Product:**

Partition coefficient: n-octanol/water : Remarks: no data available

**Components:****Sodium nitrate :**

Partition coefficient: n-octanol/water : log Pow: -3.8 (25 °C)

**Other adverse effects**

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**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

Waste from residues : Refer to all federal, provincial, state and local regulation prior to disposition of container and unused contents by reuse, recycle or disposal.

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**SECTION 14. TRANSPORT INFORMATION****International regulation****Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**National Regulations**

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**SECTION 15. REGULATORY INFORMATION****TSCA Status** : All components of this material comply with US TSCA requirements.**OSHA Hazards** : Mild skin irritant, Mild eye irritant, Harmful by ingestion., Harmful

**CrysCoat® 2707 FF**

Version 1.1

Revision Date 12/07/2015

Print Date 12/07/2015

by skin absorption.

**EPCRA - Emergency Planning and Community Right-to-Know Act**

Phosphoric acid	7664-38-2	5,000	
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**SARA 311/312 Hazards** : Acute Health Hazard

**SARA 302** : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313** : The following components are subject to reporting levels established by SARA Title III, Section 313:  
 Sodium nitrate 7631-99-4

**US State Regulations**
**Massachusetts Right To Know**

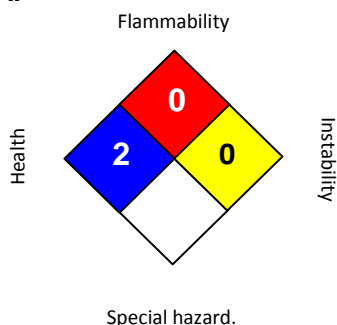
Sodium nitrate 7631-99-4

**Pennsylvania Right To Know**

 water 7732-18-5  
 Trade secret registry 735517-5190P  
 Sodium nitrate 7631-99-4  
 Phosphoric acid 7664-38-2

**New Jersey Right To Know**

 water 7732-18-5  
 Trade secret registry 735517-5190P  
 Sodium nitrate 7631-99-4  
 Trade Secret Registry 735517-5124P  
 Trade Secret Registry 735517-5044P

**NFPA:**

**HMIS III:**

<b>HEALTH</b>	<b>2</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>

 0 = not significant, 1 = Slight,  
 2 = Moderate, 3 = High  
 4 = Extreme, \* = Chronic

Safety Glasses, Gloves, Apron

**SECTION 16. OTHER INFORMATION**



**CrysCoat<sup>®</sup> 2707 FF**

Version 1.1

Revision Date 12/07/2015

Print Date 12/07/2015

**Further information**

Version 1.1

Revision Date 12/07/2015

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