



# MATERIAL SAFETY DATA SHEET

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HEALTH EMERGENCY :+86-731-84067532  
SPILL EMERGENCY :+86-731-84067532

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## Section 1- Compositional Information

### Product Identification

Product Name - RUSTGUARD  
Product code - 2001-005  
MSDS date - 10-11-2015

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<u>Component Information</u>	<u>CAS REG NUMBER</u>	<u>AMOUNT</u>
1 - Water	Not Hazardous	38%
2 - Acrylic Polymer	Not Hazardous	48%
3 - Ethylene Glycol	111-76-2	3%
4 - Chromium Oxide	1308-38-9	5%
5 - Amonia	7664-41-7	<. 04%
6 - Zinc Phosphate	7779-90-0	5%
7 - Inorganic Solvent	Mixture	<1%

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## 2 - Physical Property Information

### Appearance - odor

Color :Green - no odor

### Solubility in Water

Dilutable

### Freezing Point

0 degree C / 32 degrees F

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### 3 - Fire and Explosion Hazard Information

Flash Point

Non-Combustible

Auto Ignition Temperature

Not applicable

Extinguishing Media

Not applicable

Special Fire Fighting Procedures

None

Unusual Fire and Explosion Hazards

Material can splatter above 100C/212F

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### 4 - Health and Hazard Information

Emergency Response Information

Inhalation

Move subject to fresh air. Not Hazardous.

Skin Contact

Prolonged contact may cause slight irritation. Wash affected skin areas thoroughly with soap and water.

Eye Contact

Slightly irritating to eyes. Flush eyes with a large amount of water for 5 minutes. Consult a physician if irritation persists.

Ingestion

If swallowed dilute by giving 2 glasses of water to drink. See a physician. never give anything by mouth to an unconscious person.

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### 5 - Storage and Handling Information

Storage Conditions

Keep from freezing; material may coagulate. The minimum recommended storage temperature for this material is 1C/34F. The maximum recommended storage temperature for this material is 49C/120F.

Handling Procedures

No special handling required.

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## 6 - Spill or Leak Procedure Information

### Steps to be taken in case material is released or spilled

Keep spectators away. Floor may be slippery; use care to avoid falling. Dike and contain spill with inert material (e.g.; sand, earth). Transfer liquid to containers for recovery or disposal and solid dirking material to separate containers for disposal. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

### Waste Disposal Methods

Coagulate by the step wise addition of ferric chloride and lime. Remove the clear supernatant liquid and flush to a chemical sewer. Incinerate the solids and contaminated dirking material according to local, state, and federal regulations.

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## 7 - Special Protection Information

### Ventilation Type

Mechanical local exhaust ventilation at point of contaminant release.

### Respiratory Protection

Wear suitable respirator (MSHA/NIOSH-approved or equivalent) where exposure limits are exceeded.

### Protective Gloves

Impervious

### Eye Protection

Chemical splash goggles (ANSI Z-87.1 or approved equivalent)

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## 8 - Storage and Handling Information

### Storage Temperature

Maximum 60C/140F     Minimum 1C/34F

### Precautionary Labeling

Keep from freezing. Product may coagulate.

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## 9 - Toxicity Information

### Toxicity Information

The effects of overexposure shown in Section IV are based on information about similar materials and on toxicity profiles for the solvents in this product.

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## 10 - Miscellaneous Information

Note: Titanium dioxide when formulated as above does not pose dust hazard unless sanding or grinding of the dry coating takes place. The TWA for inorganic filler are those for nuisance dusts.

Footnote to Section VII: Refer to Industrial Ventilation: A Manual of Recommended Practice published by the American Conference of Governmental Industrial Hygienist.

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## 11 - STABILITY AND REACTIVITY

### Instability

This material is considered stable. However, avoid temperatures above 177C/350F, the onset of polymer decomposition. Thermal decomposition is dependent on time and temperature.

### Hazardous Decomposition Products

None

### Hazardous Polymerization

Product will not undergo polymerization.

### Incompatibility

There are no known materials which are incompatible with this product

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## 12- Information ecology

Ecological toxicity:Non

Ecological enrichment or biological sex: Non

Biodegradability: Non

The biodegradability: Non

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## 13- Waste disposal

### Waste disposal method:

do not use the landfill or incineration method disposal of residues, the best consulting environmental protection department, to appropriate disposal methods.

### Packaging material disposal method:

dispose in accordance with local regulations. Product contamination of packaging materials according to residual product disposal.

## 14 -Transport Information

DOT

Proper shipping name: MSK

Suggestion according to IMO IMDG

Non-hazardous for transport: This substances is considered to be non-hazardous for transport.

IATA: Non-hazardous for air transport:

IMO: Non-hazardous for sea transport:

The goods is not restricted to IMO IMDG Code according to special provision 188

Packaging requirements:

The goods are packaged according to the packaging requirement of ordinary goods

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## 15-Regulatory information

(hazardous chemicals safety management regulations promulgated by the state council on March 15, 2002), for the safety of the hazardous chemicals production, use, storage, transportation, loading and unloading, etc are made corresponding regulations.

Rustguard products is not the commonly used the classification of dangerous chemicals and sign (GB13690-92) within a prescribed scope of dangerous goods.

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## 16-Other information

**Time to fill out a form:** 18-JAN,2014

**Department of filling:** technology

**Data audit units:** Hydroseal Changsha LLC.

### **Description:**

(1) data provided by this manual is based on all of our knowledge, information, and the existing publications

(2) provided by the data only as a safe operation, use, disposal, storage, transportation, and disposal referred to in this specification product guide, rather than a guarantee or quality specifications.

(3) the data involves only the instructions referred to in the material, when used with other material mix or other process is invalid, unless specified in the text.