



International Fireproof Technology Inc.

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Safety Data Sheet – DC315

Emergency Telephone Number: CHEMTREC 1-800-424-9300

1. Product and Company Identification

Product : Water Based Fireproof Foam Paint

Product Code : DC315

Company : International Fireproof Technology Inc.

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2. Hazards Identification

Hazard classification: Acute toxicity (Oral) Cat.4, Skin irritation Cat.3, Eye irritation Cat. 2B

Warning information : None



Pictogram :

Signal Words : Warning

Hazard statement : May be harmful if swallowed

Causes mild skin irritation

Cause eye irritation

Precautionary statement :

1. Under ventilation work environment
2. If contact with eyes, wash immediately with plenty of water after contact medical care.
3. Wear suitable protective clothing and gloves.
4. Tight lid container, do not let children touch

Other Hazards : Long-term exposure to skin rashes, eye gets the slight tingling, accidentally ingested, the stomach irritation and vomiting

3. Composition/Information on Ingredients

<u>Ingredient</u>	<u>CAS No</u>	<u>Percent</u>
Ammonium Phosphate	7722-76-1	10 ~ 30 %
Melamine	108-78-1	10 ~ 25 %
Pentaerythritol	115-77-5	10 ~ 25 %
Titanium Dioxide	13463-67-7	10 ~ 25 %
Poly Vinyl Acetate Resin	9003-20-7	10 ~ 30 %

4. First Aid Measures

Inhalation :	A large number of inhaled lead to coma, to impose artificial respiration or oxygen should be moved to fresh air when necessary and immediately taken to hospital
Ingestion :	If a large number of patients swallowed while still conscious, then fed to about 1 to 2 cups of water, the patient is about to or has lost consciousness. Do not feed and go to medical attention.
Skin Contact :	Removal of clothing with plenty of water and soap thoroughly, then rinse with warm water 15 minutes, if the patient has an adverse effect or irritation occurs shall immediately taken to hospital
Eye Contact :	Rinse with plenty of water 20 to 30 minutes, occasionally opened to the upper and lower eyelids thoroughly washed, if the patient has pain, derogatory eyes, watery eyes, swelling and other phenomena to be taken to hospital immediately.
Note to Physician :	Avoid gastric lavage or cause vomiting.

5. Fire Fighting Measures

Fire:	Nonflammable.
Explosion:	Not considered to be an explosion hazard.
Fire Extinguishing Media:	Water, CO ₂ , dry chemical, foam
Special fire fighting procedures:	1. Firefighter required to wear appropriate protective equipment and positive pressure self-contained breathing gas supply, extinguish fire at the up windward. 2. Water spray may be ineffective, but can be used to cool the containers near the fire, protect personnel from burning, and dilute the leakage of steam not yet on fire.
Special protective equipment for firefighters	Firefighters must wear breathing apparatus, fire protective clothing and gloves.

6. Accidental Release Measures

Personal Precautions : 1 Limit personnel to enter until area is completely clear

and clean up spills. 2 Wear appropriate personal protective equipment.

Environmental Precautions : 1 Leak area for ventilation. 2. Avoid contaminants from entering sewers.

Methods for Cleaning Up : For large spillages liquids should be contained with sand or earth and both liquids and solids transferred to salvage containers. Any residues should be treated as for small spillages.

(2) Small spillages: Clean up spills in a manner that does not disperse emulsion into the water. Pick up spill for recovery or disposal and place in closed container.

7. Handling and Storage

- Handling:
1. Container must be labeled, closed containers when not in use.
 2. Ventilated designated places, to avoid the release of vapor or mist when using.
 3. Shall keep readily available to deal with the fire and emergency response device leakage.
- Storage: Comply with the storage and handling flammable or combustible materials regulations. Placed at cool and dry area, away from heat, sparks and icy place. Use up as soon as possible after opening the lid; Preferably storage temperature is 5 °C ~ 35 °C

8. Exposure Controls/Personal Protection

- Engineering Control: General ventilation system. Local exhaust ventilation is preferred to prevent dispersion of it into the general work area.
- Control Factor: N/A
- Personal Respirators: Wear mask
- Skin Protection: Impervious clothing aprons, protective gloves.
- Eye Protection: Wear goggles to avoid splash.

9. Physical and Chemical Properties

Appearance :	White liquid
Odor :	Mild emulsion odor
pH :	7.0±1.0
Density (25°C):	1.35±0.1 g/cm ³
Viscosity (at 25°C):	8000 ~ 20000 cps
Volatile :	30 ~ 35%
Solubility :	Water miscible
Partition coefficient: n-octanol / water	N/A
Flash point :	> 100°C

Boiling point/boiling range :	> 100°C
Melting point/range :	N/A
Evaporation rate :	N/A
Vapor pressure :	N/A
Relative vapor density :	N/A
Auto-ignition temperature :	N/A
Flammability (solid, gas) :	N/A
Lower explosion limit :	N/A
Upper explosion limit :	N/A
Self-ignition temperature :	N/A
Decomposition temperature	N/A

10. Stability and Reactivity

Stability:	Stable under ordinary conditions of use and storage.
Special Condition of Hazardous Reaction	N/A
Incompatibilities:	Organic solvent
Materials to Avoid	Strong acid or alkali and oxidant
Hazardous decomposition products	Will emit smoke, CO, CO ₂ when fire

11. Toxicological Information

Acute oral toxicity (LD ₅₀) :	N/A
Subchronic effects:	N/A
Chronic Toxicity or Long Term Toxicity:	N/A

12. Ecological Information

Ecological effect:	Fish toxicity (LC ₅₀) : None
Environmental Fate:	Do not use this product into the sewer water or contaminated soil

13. Disposal Considerations

Dispose waste by sanitary landfill or incineration in accordance with appropriate regulations.

14. Transport Information

International regulations:
 Not a hazardous or restricted item for transport by road, rail, sea or air.
 Transportation Summary: These products are not regulated as hazardous materials
 UN classification number: None
 IMDG code & PACKAGE GROUP: None
 MARINE POLLUTANT: Not applicable
 Specific Precautionary Transport Measures and Conditions: Not applicable

15. Regulatory Information

Health hazardous goods :	NO
Environmental hazardous goods :	NO
Fire hazardous goods :	NO

16. Other Information

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.

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Prepared by : International Fireproof Technology Inc.

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