



Material Safety Data Sheet – DC315

Emergency Telephone Number:	CHEMTREC 1 800 424 9300
Revised	10/05/11

1. Product and Company Identification

Product: Product Code: Company: Water based fireproof paint DC315 International Fireproof Technology Inc. 17528 Von Karman Avenue Irvine, CA 92614 Phone: 949-975-8588

2. Composition/Information on Ingredients

Ingredient:	CAS No.	Percent
Ammonium Polyphosphate:	68333799	25-45 %
Melamine	1008781	10-25 %
Pentaery thritol	115775	10-25 %
PVAC Resin	9003-20-7	5-30 %
Titanium Oxide	13463-67-7	5-10 %
Water		20-40 %

3. Hazards Identification

<u>Hmis</u>	Hazard Classification
Toxicity:	0
Flammable:	0
Reactivity:	0
Personal Protection:	В
Scale Low:	1
Moderate:	2
High:	3
Extreme:	4
Emergency Overview:	None
Potential Health Effects:	None
General:	No Danger
Inhalation:	It may result in irritation of throat and lungs if inhaling.
Ingestion:	None
Skin Contact:	Direct skin contact doesn't cause skin irritation or dermatitis.
Eye Contact:	May cause irritation upon direct contact.
NFPA 704M	
Health:	0
Flammable:	0
Reactivity:	0
Personal Protection:	В

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- Scale Low: Moderate:
- High:
- Extreme:

4. First Aid Measures	
Inhalation:	None
Ingestion:	Seek medical attention or drinking amounts of water immediately.
Skin Contact:	Wash with soap and water
Eye Contact:	Flush with water. Consult a physician if necessary.
Note to Physician:	None
5. Fire Fighting Measures	
Fire:	None-Flaming
Explosion:	Not considered to be an explosion hazard.
Fire Extinguishing Media:	None-Flaming
Special Information:	None
6. Accidental Release Measures	
Steps to be taken in case of spill or leak:	Maintain adequate ventilation. Prevent runoff to sewers. Use sand or
	other material to dam or contain spill. Soak up with an inert absorbent.
7. Handling and Storage	
Handling:	Keep containers tightly closed.
Storage:	Period ≤ 24 months
Special Comments:	Store between 5°C - 35°C in a closed container in a protected area.
	Wash hands thoroughly with soap and water after handling as a
	standard hygienic practice.
8. Exposure Controls / Personal Protection	
Airborne Exposure Limits:	None
Ventilation:	A system of local and/or general exhaust is recommended to keep
	employee exposures below the Airborne Exposure Limits. Local
	exhaust ventilation is generally preferred because it can control the
	emissions of the contaminant at its source, preventing dispersion of it
	into the general work area. Please refer to the ACGIH document,
	Industrial Ventilation, A Manual of Recommended Practices, most
	recent edition, for details.
Personal Respirators:	Wear dust mask during work.
Skin Protection:	It is good to use protective gloves.
Eye Protection:	Wear goggles to avoid splash.
9. Physical and Chemical Properties	XX Y1 1. 11 1.
Appearance:	White liquid
Odor:	Odorless
Data relevant to safety:	
Changes in physical state:	Temperature $> 60^{\circ}$ C; after the pail is opened.
Flash point:	Not applicable
Ignition temperature:	Not applicable
Self-ignition temperature:	Not applicable
Color:	White; also available in standard color range
Particle size:	$<$ 45 μ m
Solid Content:	Above 65%
Density:	1.30 ± 0.05
Viscosity:	> 80 KU (at 25°C)
pH:	7.0 ± 1.0
Thinner:	Water
Storage Temperature:	5°C - 35°C

10. Stability and Reactivity

Stability: Hazardous Decomposition Products:

Hazardous Polymerization: Incompatibilities: Conditions to Avoid:

11. Toxicological Information

Acute oral toxicity (LD50): Irritant effect on skin: Irritant effect on eyes: Duration of exposure:

12. Ecological Information

Ecological effect: **Environmental Fate:** Stable under ordinary conditions of use and storage. Ammonium gas. Vinyl monomers if the temperature is higher than 45°C. Should not occur. Evolution of ammonia under high temperature. High temperature condition (> 45° C)

None None Slightly irritant 24 hours

Fish toxicity (LC50); None

When released into the soil, this material is not expected to leach into groundwater. When released into the soil, this material is not expected to evaporate significantly. When released into water, this material is not expected to evaporate significantly.

13. Disposal Considerations

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

14. Transport Information

14. Hansport mormation	
Shipping Name:	DC315
Product Name:	DC315 Fireproof Paint
Product Code:	DC315
Size:	1 Gallon or 5 Gallon by plastic bucket.
Road transport:	Non-hazardous goods
Inland waterways transport:	Non-hazardous goods
Marine transport:	Non-hazardous goods
Air transport:	Non-hazardous goods
Dispatch by post:	Permitted
15. Regulatory Information	
Health hazardous goods:	NO

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Health hazardous goods:
Environmental hazardous goods:
Fire hazardous goods:

16. Other Information

Hazard Warning: Cautions:

Label First Aid: Product Use: Remark:

None

NO NO

Avoid contact with eyes. Use with adequate ventilation. Wash thoroughly after handling.

Assist person to understand and exactly avail the materials. **Fireproof Paint**

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