

1. Product and Company Identification

Product Name	Heating Resistance Waterproofing Coating
Synonyms	
Chemical Formula	
Product Codes	Pentens T-200W
Supplier Information	No 8, Jalan TPP 5/7, Taman Perindustrian Puchong, 47100, Selangor Darul Ehsan.
Emergency phone numbers	03-8060 4396/97

2. Composition / Information on Ingredients

Ingredient	CAS Number	Percent (by weight)
Acrylic Polymer	NA	20 – 40 %
Calcium Carbonate		20 - 40%
Non-hazardous trade secret compounds		(to 100%)

3. Hazards Identification

Emergency overview	--
Adverse /human Health Effects	(1) Inhalation: Dust may be formed under certain conditions of use .Treat as a nuisance dust.(2) Not expected be a hazard via ingestion.(3) Skin Contact: Not expected to be a health hazard from skin exposure .(4) Eye contact: Mechanical irritation only.
Environmental Effects	--
Physical and Chemical Hazards	--
Specific Hazards	--

4. First-Aid Measures

Inhalation	Move the patient at once to fresh air. Immediately consult a physician for examination and treatment.
Ingestion	(1) Induce vomiting. (2) Wash out mouth with water and give victim plenty of water to drink. (3) Call a physician or poison control center immediately. (4) Never give anything by mouth to an unconscious person.
Skin Contact	Wash the affected with plenty of running water and mild soap . If irritation continues , immediately consult a physician for examination and treatment.
Eye Contact	Immediately flush eyes with water with plenty of water for at least 15 minutes. Get medical aid if irritation develops or persists.

Protection of First-aiders	No information
Notes to Physician	No information

5. Fire-Fighting Measures

Extinguishing Media	Water spray ,dry chemical ,alcohol Foam or Carbon Dioxide.
Fire and Explosion Hazards	Fire : Over 150°C will be decompose Explosion : Will not occur.
Special Firefighting Procedures	No information available
Special Equipment for the Protection of Firefighters	Use a positive-pressure self-contained breathing apparatus and full protective clothing for chemicals.

6. Accidental Release Measures

Personal Precaution	Wear adequate personal protective equipment
Environmental Precautions	Ventilate area
Methods for Cleaning Up	Contain spills with earth , sand , or similar stable , non-combustible material

7. Handling and Storage

Handling	Keep material away from sparks , flames , and other ignition sources
Storage	Store in cool , dry , well-ventilated area

8. Exposure Controls/ Personal Protection

Engineering Measure	Exhaust directly to the outside , Treatment of exhaust emission to prevent Environmental controlling may be required.
Control parameters	- <ul style="list-style-type: none">● Limit values:--● Biological Standards:--
Personal Protective Equipment	Eyeglass, gloves, helmet, mask, safety shower ,eye wash fountain. <ul style="list-style-type: none">● Respiratory Protection ; dust mask● Hand Protection: Gloves● Eye Protection : wear safety goggles● Skin and Body Protection : Wear appropriate protective gloves and clothing to prevent and minimize contact with skin.
Specific Hygiene Measure	No information available

9. Physical and Chemical Properties

Physical State	Liquid	Form	Liquid
Color	White	Odor	Mild odor

pH	7~9	Boiling Point/Boiling Range	Approx. 100°C
Decomposition Temperature	>150°C	Flash Point & Method Used	Water born Emulsion
Auto Ignition Temperature	ND	Explosion Properties	No Information available
Vapor pressur	NA	Vapor density	=1.0
Density	1.0~1.2	Solubility	Miscible in all proportion

10. Stability and Reactivity

Stability	Stable under normal conditions
Possible Harzardous Reactions occurring under Specific Conditions	--
Conditions to Avoid	Heat ,Flame ,ignition source , dusting and incompatibies.
Materials to avoid	Strong oxidizer ,caustics ,acid
Hazardous Decomposition Product	Carbon Monooxide,Alcohol,Acetone

11. Toxicological Information

Acute toxicity	--
Local effects	--
Sensitization	--
Chronic Toxicity or Long Term Toxicity	--
Specific effects	--

12. Ecological Information

Possible Environmental Effects ,Behavior and Fate	Leakage will cause environmental pollution
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13. Disposal Considerations

Recommended Method for Safe and Environmentally Preferred Disposal	<ol style="list-style-type: none"> 1. Disposal by controlled incineration in a properly equipped facility may be acceptable. 2. Review federal, provincial and local government requirements perior to disposal
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14. Transport Information

International regulation	This product is not classified as dangerous goods according to the international regulation for transport by land , inland waterway ,sea and air.
UN classification number	--

Specific Precautionary Transport Measure and Conditions	This product is not classified as dangerous goods according to the international regulation for transport by land , inland waterway ,sea and air.
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15. Regulatory Information

Applicable Regulation	Not Regulated
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16. Other Information

NFPA Ratings	--
Label Hazard Warning	--
Literature Reference	<ol style="list-style-type: none"> 1. NIOSH/OSHA .Occupational Health Guidelines for Chemical Harzards,1981 2. Material Safety Data Sheet (of the raw material manufacture)

ALL OF THE MSDS DATA ARE FOR REFERENCE ONLY. THE USER SHOULD JUDGE THE USABILITY THEMSELVES.