Safety Data Sheet

Section 1. Identification

Product Name	Water-Based Fire Retardant Paint
Product Code	KF-1088
Product Type	Fire Retardant Paint
Manufacturer	Yulung Paint Manufacturing Co., Ltd.
Address	No. 3, Lane 18, Section 1, Dakeng Road, Gueishan District, Taoyuan City, Taiwan
Phone Number	+886-3-346-9899
Fax Number	+886-3-355-0683
Emergency Contact	+886-3-346-9899

Section 2. Hazards Identification

Emergency Overview	--
Hazard Pictograms	
Signal Word	Warning
Hazard Statements	Eye: May cause irritation Skin: May cause irritation Inhalation: Prolonged or excessive inhalation may cause respiratory tract irritation. Ingestion: May be harmful if swallowed. May cause vomiting. Environment: Water pollution may be harmful to aquatic life. Other: --

Section 3. Composition / Information on Ingredients

Ingredient Name	CAS Number	% by Weight
Waterborne Polyphosphate	--	30

Section 4. First Aid Measures

Eye Contact	Immediately flush eyes with plenty of water for 15~20 minutes. Get medical attention, if irritation or symptoms of overexposure persists.
Skin Contact	Immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
Ingestion	If swallowed, DO NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.
Other First Aid	Due to possible aspiration into the lungs, DO NOT induces vomiting if ingested. Provide a glass of water to dilute the material in the stomach. If vomiting occurs naturally, have the person lean forward to reduce the risk of aspiration.

Section 5. Fire Fighting Measures

Extinguishing Media	Use alcohol foam, carbon dioxide, dry chemical, or water fog or spray when fighting fires involving this material.
Protective Equipment	As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6. Accidental Release Measures

Personal Precautions	Use proper personal protective equipment.
Environmental Precautions	Avoid runoff into storm sewers, ditches, and waterways.
Spill Cleanup Measure	Absorb spill with inert material (e.g., dry sand and earth), then place in a chemical waste container. Provide ventilation. Clean up spills immediately observing precautions in the protective equipment section.

Section 7. Handling and Storage

Handling	Use with adequate ventilation. Avoid breathing vapor and contact with eyes, skin and clothing.
Storage	Store in a cool, dry, well ventilated area away from sources of heat, combustible materials, and incompatible substances. Keep container tightly closed when not in

	use.
Hygiene Practices	Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling vapor or mist.

Section 8. Exposure Control, Personal Protection – Exposure Guidelines

Engineering Controls	Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.
Eye / Face Protection	Wear appropriate protective glasses or splash goggles.
Skin Protection Description	Chemical-resistant gloves and chemical googles, face-shield and synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing.
Respiratory Protection	An air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure level are not known, or any other circumstances where air purifying respirators may not provide adequate protection.
Other Protective	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Section 9. Physical and Chemical Properties

Physical Appearance	Liquid	Odor	Waterborne Resin
Odor Threshold	--	Melting Point	--
pH Value	7-9	Boiling Point	>100˚C
Flammability (Solid, Gas)	Not Flammable	Flash Point	--
Decomposition Temperature	--	Test Method (Closed / Opened Cup)	Closed Cup
Auto-Ignition Temperature	--	Lower and Upper Explosive Limits	--
Vapor Pressure	--	Vapor Density	--
Density	1 g/cm^2	Solubility	Water Soluble
Partition Coefficient n-octane / water	--	Evaporation Rate	--

Section 10. Stability and Reactivity

Chemical Stability	Stable under normal temperatures and pressures.
Hazard Polymerization	No Reported
Conditions to Avoid	Heat, flames, incompatible material, and freezing or temperatures below 32˚F.
Incompatible Materials	Oxidizing agents. Strong acids and alkalis.

Section 11. Toxicological Information

Urgent Toxicant	In high concentrations, vapors and spray mists are narcotic and may cause headache, fatigue, dizziness and nausea. Ingestion may cause irritation and malaise.
Partial Effect	--
Sensitization	Not a skin sensitizer.
Long-Term Toxicity	Prolonged skin contact may cause skin inflammation and redness.
Special Effect	--

Section 12. Ecological Information

Toxicity	No toxicity data was found for the product.

Section 13. Disposal Considerations

Waste Disposal	Consult with your local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or local guidelines.

Section 14. Transport Information

DOT UN Number	Not Available
DOT Hazard Class	Not Available
IMDG	No declaration for transport required.

Section 15. Regulatory Information

Taiwan Regulations	Labeling and Hazard Communication of Hazardous Chemicals, Organic Solvents and Specific Chemical Substances, Standards of Permissible Exposure Limits at Job Site, Methods and Facilities Standards for the Storage, Clearance and Disposal of Industrial Waste.

Section 16. Other Information

Re Council of Labor Affairs-GHS Databased, Environmental Protection Administration-Emergency Response

Reference	Information Ceneter.
SDS Author	Yulung Paint Manufacturing Co., Ltd.
Address	No. 3, Lane 18, Section 1, Dakeng Road, Gueishan District, Taoyuan City, Taiwan
SDS	Data Sheet can be use continuously if no major amendment made.
SDS Creation Date	SDS Creation Date: 2020/5/26; SDS Revision Date: 2021/6/3.
Disclaimer	This Health and Safety Information is correct to the best of our knowledge at the date of its publication, but we cannot accept liability for any loss, injury or damage which may result from its use. The information given in the Data Sheet is designed only as guidance for safe handling, storage and the use of the substance. It is neither a specification nor guarantee for any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment. This SDS is created according to the standard provided by local manufacturing country, which can vary between different countries. Specific SDS for local requirement or standard should be provided by local sales and the sales should be fully responsible for the information provided within. Should further information be required, this can be obtained through the sales office whose address is at the top of this data sheet.
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