



烟台优联新材料有限公司

YANTAI YOLIAN ADVANCED MATERIALS CO.,LTD

Add:#406 Juzheng Building,No. 44 Zhujiang RD,Economic and Technological Development Dist.,Yantai China Tel&Fax:0086-535-6393167

Email:export@modularresins.com Website: www.modularresins.com

Technical Instructions for Material Safety (SDS)

SECTION 1:Details of the supplier of the Safety Data Sheet

Product name	Fingerprint resistant agent HR-440
Recommended use	Powder coating, industrial coating
Supplier	Yantai Yolian Advanced Materials Co.,Ltd #Room 1504.15th Floor No.18 Hengshan RD.ETDZ,Yantai city,Shandong province,China
Telephone	Tel:0086-535-6393167 Fax:0086-535-6964678
E-mail address	

SECTION 2:Composition/composition information

Chemical properties		
Dangerous components	None	
Component name	Hazard categories and information	Content [%]
Polymer acrylic acid modified hydroxyl compound	None	99

SECTION 3:Hazard overview

GHS hazard classification:	
According to GHS regulations, this product is not a dangerous substance or mixture.	
GHS tag element:	
Hazard sign	None
Signal word	None
Hazard description	None
Precautionary instructions	None



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SECTION 4:First-aid measures

Suck up	Move the victim to a place with fresh air and keep a comfortable rest posture. If symptoms persist, seek medical attention immediately.
Eye contact	Immediately flush the affected area with plenty of water for at least 15 minutes. If the eyes are still irritated,seek medical attention as soon as possible.
Skin contact	Rinse with plenty of soapy water and clean water to avoid using solvents. If symptoms persist,see a doctor immediately.
Eat something by mistake	You should drink plenty of water, and if you have medical activated carbon, you can take it together. If the patient vomits spontaneously, the airway should be monitored to prevent suffocation. If necessary, give artificial respiration immediately, and do not cause vomiting. If you feel unwell, call for poisoning prevention. Center or doctor/doctor for help.

SECTION 5:Fire-fighting measures

Fire extinguishing medium	Use most fire extinguishing media suitable for surrounding fire environment. Using sprayed water, Carbon dioxide, dry powder, or appropriate foam extinguisher.
Special fire extinguishing methods and protective equipment	Wear a breathing mask and protective clothing.

SECTION 6:Emergency treatment of leakage

Protection of workers	Wear protective gloves/clothes/goggles/masks. Let not wear People with protective equipment should stay away.
environmental protection	Do not let it enter the surface/underground water source, and do not let it enter the sewer.
Cleaning and disposal methods	Make sure there is adequate ventilation. Collect in a suitable container for post-treatment. Dispose of according to Article 13.



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SECTION 7:Operation, disposal and storage

Operation and disposal	Carefully open the container for treatment to avoid dust. Keep the operating environment well ventilated. Keep away from fire sources, do not smoke and prevent static electricity.
Store	Stay away from food and drinks, and don't touch animal feed. Keep the container sealed and store it at 2-40°C, but about 20°C is appropriate.

SECTION 8:Contact control and individual protection

Exposure tolerance	non-avaible
Technical measures	Appropriate ventilation devices shall be provided for places where dust is generated.
Individual protection	Don't inhale dust and don't wear contaminated clothes. Wear protective clothing, breathing mask, plastic/rubber gloves and safety shoes; Wash exposed skin after wearing safety glasses and before rest; Rub protective grease or nutritional grease on exposed skin/chin before operation and after washing. Retaining ring Clean and ventilated environment.

SECTION 9:Physical and chemical properties

physical condition	Solid powder
colour	white
smell	None
PH	6.99
boiling point	None
average grain diameter	1.75
Explosion limit	None
vapour pressure	None
Vapor density	None
Water solubility (20°C)	Insoluble in water
viscosity	not applicable
Volatile%	0.78%



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SECTION 10:Stability and reactivity

Stability	Stable but decomposable at high temperature
Conditions to be avoided	Prevent dust, static electricity and open flame.
Incompatible substance	Amines, strong acids.
Hazardous decomposition products	CO, CO ₂ , will be released under the condition of incomplete combustion; These compounds and the decomposition products of combustion may be toxic.
Dangerous polymerization reaction	It won't happen.

SECTION 11:Toxicological data

Acute toxicity (oral)	Without data, acrylate copolymers are generally considered to be safe enough.
Eye irritation test	without
Skin irritation test	slight
Respiratory or skin allergy test	No data
Germ cell mutation	No data
Carcinogenicity	No component with a content greater than or equal to 0.1% in this product was identified by IARC as possible or certain human carcinogens.
Specific target organ toxicity-single exposure	No data
Specific target organ toxicity-repeated exposure	No data
Danger of inhalation	No data



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SECTION 12:Ecological data

Ecological impact	No data. It may have long-term and lasting adverse effects on aquatic organisms.
Other information	Avoid soil pollution, prevent products from flowing into sewers, and avoid surface/underground pollution. Water source.

SECTION 13:Disposal matters

Before disposal, you should refer to the relevant laws and regulations of the state or local government, such as landfill and incineration; Incineration with an incinerator is recommended.

SECTION 14:Transport information

UN number					
European land transport risk regulations	None	International maritime dangerous regulations	None	International air transport crisis regulations	None
United Nations shipping name					
European land transport risk regulations	Non-hazardous substance	International maritime dangerous regulations	Non-hazardous substance	International air transport crisis regulations	Non-hazardous substance
United Nations hazard classification					
European land transport risk regulations	Non-hazardous substance	International maritime dangerous regulations	Non-hazardous substance	International air transport crisis regulations	Non-hazardous substance
Packaging group					
European land transport risk regulations	Non restraint	International maritime dangerous regulations	Non restraint	International air transport crisis regulations	Non restraint
environmental effect					
European land transport risk regulations	no	International maritime hazards regulate foreign pollutants.	no	International air transport crisis regulations	no



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SECTION 15:Laws and regulations

ingredient	EPA/TSCA	EINECS	IECSC
Polymer acrylic acid modified hydroxyl combination thing	Listed	Listed	Listed

SECTION 16:Other information

Date of preparation of this edition: March 12, 2023

The information in this MSDS is only compiled on the basis of the relevant information we refer to at present, just to describe the health, safety and environmental requirements of this product, so that all parties concerned can better understand this product. This information is only for your reference and research. Among the description of some hazard prevention measures is not unique. Users should analyze and study according to their own application purposes to determine the suitability of this information. Yantai Yolian Advanced Materials Co.,Ltd. will not be responsible for any liability clauses, losses, third-party injuries and any joint and several accidents and damage to interests, whether directly or indirectly. All this MSDS cannot be used as a guarantee to achieve any specific purpose



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