

Material Safety Data Sheet

(MSDS)

Part I: Product and enterprise identification

Product name:	Powder Coatings		
Enterprise name:	Juye Jinhua Plastics Co.,Ltd.		
Enterprise address:	West of Jinshan road, North of Xinshi railway, Juye County		
Emergency telephone number:	18816067866	Website:	www.jyjhsf.com
Fax number:	0530-8281699	Phone number:	15020151189
Effective date:	Jan 1st,2017		

Part 2: Composition/Information on ingredients

Sterling 【X】	Compound 【√】
Product name:	Powder Coatings
Chemical constituents:	Mass percent
Resin and curing agent:	60
Pigments and fillers	35
Additive etc.	5

Part 3: Hazards s summarizing

Hazard categories:	non-dangerous goods
Invasion way:	Invades the body through ingestion, inhalation and skin contact
Health hazard:	After composition analysis and product toxicity study, the product is considered as non-reactive dust, and there is no harm to the body when exposed to this compound
Environment hazard:	The product is not classified as an environmental hazard.The results of testing and long-term and long-term use indicate that under normal conditions it appears harmless and non-hazardous. If the substance is dried in accordance with the recommended guidelines, the emission will be controlled below the statutory limits.The extract from the powder with rainwater shows that the sediment will not significantly affect the surface or groundwater.
Combustion hazard:	If there is no flash point and the ignition temperature is higher than 400℃, precautionary measures shall be taken to prevent dust concentration accumulation so as to prevent dust concentration from exceeding the combustible point, the minimum explosion limit or the permissible occupational health standard.

Part 4: First-aid measures

General:	Ask your doctor for advice if you have any questions or symptoms. Do not give any advice orally or orally to someone who is not aware of any substance.
Skin contact:	Rinse skin with soap and water or approved skin cleaner, do not use solvent or dilution.If symptoms such as redness and swelling occur, seek medical attention immediately and send to the hospital.
Eye contact:	Remove contact lenses, rinse with clean water and leave eyes open for at least 10 minutes before taking medical care as a precaution.
Inhalation:	Leave the contaminated area immediately and breathe in fresh air deeply.If breathing is uneven or stops, take artificial respiration aid in time;If unconscious, put him in a recovery position and seek medical attention.
Ingestion:	If swallowed, seek medical attention.Keep the victim quiet so as not to cause vomiting.

Part 5: Fire-fighting measures

Extinguishing agent:	Use class B fire extinguishers (e.g. chemical dry powder, carbon dioxide, etc.), or water or spray. Do not agitate powder or spray at high pressure.
Hazardous characteristics:	It is not easily ignited by heat or open flame. When heated to a certain temperature, it releases toxic smoke.May cause health hazards.
Method of extinguishing:	Wear appropriate protective clothing and fully equipped breathing apparatus to extinguish fire as far away as possible.
Special Fire protection Instruction:	This material dust may explode if meets the fire source.

Part 6: Accidental release measures

Emergency processing:	Isolate the fire source and ventilate the site.No admittance, avoid inhaling dust.Clean spilled powder with a vacuum cleaner or wet brush, and in accordance with the rules for handling containers (see Section 13), when dust is generated, do not use a dry brush and do not allow powder to enter drainage pipes or gutters.If the product pollutes a lake, river or sewer, please inform the relevant authorities according to local regulations.
Personnel protection:	Emergency responders should wear protective clothing, protective glasses and respirators.

Part 7: Handling and storage

Especially remind:	People with respiratory problems or allergic reactions are not allowed to operate or be exposed to powder.
Precautions for operation and disposal:	Enhance ventilation.Operators must be specially trained and strictly abide by the operating rules.It is recommended that operators wear chemical safety protective glasses, protective overalls and protective gloves.Keep away from fires and heat sources. Smoking is strictly prohibited in the workplace.Be light in handling to prevent damage to the packing container.The same ingredients are placed together.
Precautions for storage:	To prevent dust accumulation from reaching the concentration ignition point or

	<p>explosion limit;</p> <p>Electrical equipment and lighting equipment shall adopt appropriate standards to prevent dust clouds from coming into contact with heat sources or sparks or fire sources;An electrostatic charge may be generated by operating on powder, and a ground conductor is used when transferring powder from one container to another. No smoking or eating in the area.</p> <p>Comply with the storage regulations, should be isolated from the fire source, away from the heat source, stored in a ventilated dry place to avoid direct sunlight, storage temperature should not exceed 30°C.Containers that have been opened must be re-sealed and kept upright to prevent leakage.</p>
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Application guide	For industrial or professional use only.
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Part 8: Exposure controls/personal protection

Process control:	Production process closed, enhanced ventilation.Take a shower after handling drugs or work, and change wet or contaminated clothing.Do not take work clothes out of the workplace.
Eye protection:	To avoid eye contact with dust, wear one or more of the following protective products to avoid eye contact with dust, wear safety glasses with wing protection pieces, ventilate goggles, etc.
Hand protection:	To extend or recontact, use protective grease or normal industrial gloves.Broken gloves should not be used.
Skin protection:	Operators should wear protective clothing and wash all parts of the body in time if they touch it. Protective clothing should be carefully selected.Proper respirator must be worn.
Respiratory protection:	Avoid inhalation of dusty gas in fluidization cycle.
Ingestion:	Do not eat, drink or smoke while using this product. Wash the contact area thoroughly with soap and water.
Recommended ventilation:	In transmission points using the appropriate local exhaust ventilation, when plus heat flow, provide the appropriate local ventilation equipment, to provide adequate ventilation and dust concentration, control below specified concentration dilution ventilation and/or control the concentration of harmful substances in the air does not exceed occupational health exposure limit, and/or control the dust, smoke or particulate matter in the air, if insufficient ventilation, wear respiratory protection equipment.

Part 9: Physical and chemical properties

Appearance:	Fine powder	Odour:	Odorlessness
molecular formula:	Unfixed (mixture)	Curing condition:	200°C/15min
PH:	Alkalescence	True density (g/cm ³):	1.20~1.60
Melting point(°C)	95°C	Upper explosive limit:	No data
Lower explosive limit(g/cm ³):	20-70	Solubleness:	Slightly soluble in non - polar organic solvents such as alcohol,

			ketone and toluene
Degree of hydrolysis:	0	Flash point:	No
<u>Part 10: Stability and reactivity</u>			
reactiveness:	No data		
stability:	The compound was stable under conventional experimental conditions.		
Conditions to avoid contact:	Solvents, high heat, activation and other sources of fire and heat.		
Aggregating harm:	No harmful polymerization occurs		
Hazardous decomposition product:	Above 300 degrees high temperature may be decomposed into nitrogen oxides, hydrogen cyanide, aldehydes, ammonia, carbon monoxide, carbon dioxide, and smoke.		
<u>Part 11: Toxicological information</u>			
Acute toxicity:	Unknown, animal testing and long-term use have not shown any harm.		
carcinogenicity:	No		
Irritation:	A few products may be irritating to the skin and eyes		
<u>Part 12: Ecological information</u>			
Ecotoxicity:	Not determine	Ecological enrichment or bioaccumulation	Not determine
Biodegradability:	Not determine	Non-biodegradable:	Not determine
<u>Part 13: Disposal</u>			
Nature of waste:	According to China's National Hazardous Waste List, this product does not belong to hazardous waste.		
Waste disposal method:	Do not use landfill or incineration to dispose of residues. It is best to consult the environmental protection department for appropriate disposal methods.		
Packing material disposal method:	Dispose of according to local regulations. The packaging material contaminated by the product should be disposed of as the residual product.		
<u>Part 14: Transport information</u>			
According to the Chinese national standard GB6944 and relevant international standards, it is not included in the "Provisions on the Administration of Dangerous Goods Transportation". Air transport proved to be harmless			
<u>Part 15: Regulatory information</u>			
Regulations on the Safety Administration of Dangerous Chemicals GB16483-2000 (issued by the State Council on March 15, 2002), have made corresponding provisions on the safe production, use, storage, transportation, loading and unloading of dangerous chemicals, etc.			

Aluminum silver gray products are not in the dangerous goods scope stipulated in the Classification and Marking of Commonly used Hazardous Chemicals (GB13690-92).

Part 16: Other information

Filling Date : Oct 20th,2019

Filling Department : Technical department

Audit : Technical director

Data audit unit: Juye Jinhua Plastics Co.,Ltd.

State:

(1) Data provided by this manual is based on the best of our knowledge of the knowledge, information, and the existing publications, not exhaustive, everything we do for this product proposal and declaration (or otherwise provided in this MSDS) are correct, but we can't control the coated substrate quality and condition of workpiece, or affect the product using a variety of factors, therefore, the us unless otherwise expressly agreed in writing, for the performance of the product or for any loss arising from use of this product and damage, we do not assume any responsibility.

(2) The data provided are intended only to guide the safe operation, use, disposal, storage, transportation and disposal of the products referred to in this manual and are not warranties or quality statements.

(3) This data relates only to substances referred to in the specification and is not valid for use in other substance mixing or other processes unless otherwise specified in the text.

(4) Further information can be obtained from the CEPE (European Committee on Paints, Printing Inks and Art Pigments) 'Guide to Safe Powder Coatings' (7th edition, 2005).