



广州擎天电器工业有限公司

GUANGZHOU KINTE ELECTRIC INDUSTRIAL CO., LTD.

MATERIAL SAFETY DATA SHEET

SECTION: I PRODUCT INFORMATION			
Manufacturer's Name	KINTE CO., LTD	Emergency Telephone No	Tel:+86(20)86985771
Chemical family	Polyester/HAA	Trade Name	X-RD9752-S9
Effective Date	08/05/2015		

SECTION: II HAZADOUS INGREDIENTS			
Ingredient of Materials	CAS NO	Weight %	REMARKS
Polyester Resin	25135-73-3	55~65	-
Hardener	6334-25-4	1~5	-
TiO ₂	13463-67-7	1~15	-
BaSO ₄	7727-43-7	20~40	-
Others	-	1~10	-

SECTION: III PHYSICAL DATA			
Physical state	Red powder	Specific Gravity	1.5~1.8g/cc
Softening point(°C)	>45°C	Bulk density	400~1000Kg/m ³
Ignition temperature	>400°C	Volatile percent by Volume	-
Solubility in water	Insoluble		

SECTION: IV FIRE AND EXPLOSION HAZARD DATA			
Flashing point(°C)	none	Flammable Limits	-
Extinguishing Media: Alcohol resistant CO ₂ blanket, Water spray/mist, Not to be used high pressure insert gas(e.g. CO ₂), water jets			
Recommendations: Fire wills product dense black smoke containing hazardous product of combustion. Exposure to Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required. Cool closed containers exposed to fire with water spray. Do not allow run-off fire fighting to enter drains or water courses. Explosion limit of a dust/air mixture: 30~90g/m ³ (Recommended limited value: 10g/m ³)			

SECTION: V HEALTH HAZARD DATA	
Primary routes of exposure: Skin contact, inhalation	

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Eye:

Exposure to dust may cause eye irritation. Symptoms may include tearing and redness.

Skin contact:

Essentially nonirritating to skin on contact. Repeated exposure may cause skin irritation. May cause skin sensitization in susceptible individuals.

Effects of overexposure:

Eye contact: causes eye irritation

Skin contact: cause localized skin irritation

Inhalation: dust may be harmful, if inhaled

SECTION : VI FIRST AID MEASURES

Eye contact:

Flush eyes immediately with plenty of water for at least 10 minutes. Seek medical advice.

Skin contact:

Remove contaminated clothing. Wash skin thoroughly with soap and water. Do not use solvent or thinners

Inhalation:

Move into fresh air. Apply artificial respiration and other supportive measures as required. If needed, seek medical advice.

Ingestion:

Do not induce vomiting, see a doctor as soon as possible.

SECTION: VII STABILITY AND REACTIVITY

Stable under the recommended storage and handling condition.

In a fire, hazardous decomposition products such as smoke, carbon and monoxide, carbon dioxide and oxides of nitrogen may be produced

SECTION: VIII SPILL OR LEAK PROCEDURES

Exclude sources of ignition and ventilate the area. Exclude non-essential personnel. Avoid breathing dust.

Refer to protective measures listed section VIII. Contain and collect spillages with an electrically protected vacuum cleaner or by wet brushing and place in a closed container for disposal in accordance with waste regulations.

Do not use dry brush as dust clouds or static can be created.

Do not allow to enter drains or watercourse. If the product enters drains or sewers the local water company should be contacted immediately.

SECTION: IX PERSONAL PROTECTION

Persons with a history of respiratory or allergic responses should only be exposed to, or handle, this product under appropriate medical supervision.

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Personal protection: All personal protective equipment, including respiratory protective equipment used to control exposure to hazardous substances must be selected to meet the requirements of the local regulations.

Respiratory Protection: Air-fed respiratory protective equipment should be worn when this product is sprayed if the exposure of the sprayer or other people nearby cannot be controlled to below the occupational exposure limit and engineering controls and methods cannot reasonably be improved

Hand protection: where skin exposure may occur, advice should be sought from glove suppliers on appropriate types.

Barrier creams may help to protect exposed area of skin but are not substitutes for full physical protection.

They should not be applied once exposure has occurred

Eye protection: Eye protection designed to protect against exposure to dusts should be worn when there is a likelihood of exposure.

Skin protection: Cotton or cotton/synthetic coveralls or coveralls are normally suitable. Care should be taken in the selection of protective clothing to ensure that inflammation and irritation of the skin at the neck and wrists through contact with the powder is avoided.

SECTION: X HANDLING AND STORAGE

Handling:

Precautions should be taken to the formation of dusts in concentrations above flammable, explosive or occupational exposure limits. Electrical equipment and lighting should be protected to appropriate standards and to prevent dust coming into contact with hot surfaces sparks other ignition surfaces.

Keep the container tightly closed. Exclude sources of heat and open flame.

Avoid the inhalation of dusts.

Smoking, eating and drinking should be prohibited in areas of storage and use.

Always keep in containers made of the same material as supply container.

Good housekeeping standards and regular safe removal of waste materials will minimize the risk of spontaneous combustion and other fire hazards.

The product may charge electrically. Use earthing leads when transferring from one container to another.

Operators should wear anti-static footwear and clothing and floors should be electrically conductive.

The Manual Handling Operations Regulations may apply to the handling of containers of this product.

Refer to the guide weight indicated on the container when carrying out assessments.

Storage:

Store between 5 and 25°C in a dry, well ventilated place away from source of heat, ignition and direct sunlight.

No smoking. Prevent unauthorized access. Containers which are opened should be properly resealed and kept upright to prevent leakage.

SECTION: XI TOXICOLOGICAL INFORMATION

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Coating powders can cause localized skin irritation in folds of the skin or in contact with tight clothing.

SECTION: XII ECOLOGICAL INFORMATION

There are no data available on the preparation itself. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 199/456/EC and is not classified as dangerous.

Tests and long term use of powder coatings have, in general, shown no specific risk.

If powder coatings are applied and stoved according to the recommendations, emissions will be within the legal limits. The extract of a typical powder coatings with rainwater shows that a deposit will not affect ground or surface water substantially.

Powder coatings must not be allowed to enter drains or watercourses.

SECTION : XIII DISPOSAL CONSIDERATIONS

Product: Must not be disposed of together with household garbage. Do not allow product to reach sewage systems

Uncleaned packaging: Disposal should be done according to official regulations.

SECTION : XIV TRANSPORT INFORMATION

DOT regulations (Hazard class: Non Regulated)

Maritime transportation IMDG (Marine pollutant: No)

SECTION : XV REGULATORY INFORMATION

This product is determined as not being dangerous according to the requirements of the Chemicals (Hazard information and Packaging) Regulations.

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks as required by other health and safety legislation.

SECTION : XVI OTHER INFORMATION

The information in this safety data sheet is provided in accordance with the requirements of the Chemicals (Hazard Information and Packaging) Regulations.

The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this safety data sheet is based on the present state of knowledge and current

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national legislation. It provides guidance on health safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular application.