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Material Safety Data Sheet

SECTION I—IDENTIFICATION OF PRODUCT

PRODUCT CODE	TELEPHONE NO.
	+86-519-83754668
COMPANY	DATE PREPARED
HALI INDUSTRIAL CO.,LTD	04/19/2004

SECTION II—CHEMICAL COMPOSITION/INFORMATION ON INGREDIENTS

TRADE NAME AND SYNONYMS	CHEMICAL NATURE
Thermochromic Capsule Powder -Black	Dye microencapsulated with polymer
C.I.NO.	CAS NO.
	108-78-1, 123-95-5, 112-61-8, 36653-82-4, 29512-49-0
EINECS	

SECTION III—PHYSICAL AND CHEMICAL PROPERTIES

FORM	POWDER	ODOUR	odorless
COLOUR	Black or Colorless powder	pH	Not applicable
BOILING POINT (DEGREES CELSIUS)	Not applicable	SPECIFIC GRAVITY (WATER=1)	0.25
VAPOR PRESSURE (mm. OF MERCURY)	Not applicable	PERCENT VOLATILITY (BY VOLUME)	Negligible
VAPOR DENSITY (AIR=1)	Not applicable	EVAPORATION RATE (ETHYL ETHER=1)	Not applicable
SOLUBILITY IN WATER	Dispersible	EVAPORATION RATE (BUTYL ACETATE=1)	Not applicable

SECTION IV—HAZARDS IDENTIFICATION

HAZARDOUS INGREDIENT

COMPONENT	%
N/A	

SECTION V—FIRST AID MEASURES

SKIN CONTACT	EYE CONTACT
No adversely harmful effects anticipated. Wash exposed areas with soap and water. See a physician.	Immediately flush eyes with water for 15 minutes. See a physician if the irritation persists.
INHALATION	INGESTION
Remove from exposure immediately. Use a bag valve Induce vomiting immediately. See a physician. mask or similar device to perform artificial respiration (rescue breathing).	

SECTION VI—FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Dry chemical, dry foam, sand, CO₂

SPECIAL FIRE-FIGHTING PROCEDURES

Wear full protective clothing and self contained breathing apparatus.

SECTION VII—ACCIDENTAL RELEASE MEASURES

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

SECTION VIII—HANDLING AND STORAGE

HANDLING

Avoid spilling. Maintaining good housekeeping standards to avoid accumulation of dust.

STORAGE

Store in a sealed container in a cool, dry place. Avoid dispersion of dust in to the air to reduce potential explosion hazard. Avoid contact with liquids. Eliminate ignition sources. Avoid static charge build-up.

SECTION IX—EXPOSURE CONTROLS/PERSONAL PROTECTION

TECHNICAL PROTECTIVE

Practice good personal hygiene.

PERSONAL PROTECTIVE EQUIPMENT

Safety glasses with side shields recommended for normal handling, dust proof goggles recommended for dust, environments. Use protective gloves. Eyewash facility.

INDUSTRIAL HYGIENE

Wash clothes, hands, and other exposed areas, before eating, drinking, smoking, and when leaving work.

PROTECTION AGAINST FIRE AND EXPLOSION

N/A

SECTION X—STABILITY AND REACTIVITY

THERMAL DECOMPOSITION

350°C

DANGEROUS REACTION

N/A

SECTION XI—TOXICOLOGY INFORMATION

ACUTE ORAL TOXICITY

N/A

SKIN IRRITATION

Slight skin irritation. No data found on skin absorption.

EYE IRRITATION

Slight eye irritation. Slight inhalation hazard particulates/dust.

SECTION XII—ECOLOGICAL INFORMATION

ELIMINABILITY

N/A

SECTION XIII—DISPOSAL CONSIDERATIONS

DISPOSAL

Land fill solids at permissible sites.

IN CASE OF SPILL

Potential dust explosion hazard. Sweep gentle to avoid dust with an ordinary broom. Clean exposed area with soap and water. Potential slip hazard.

SECTION XIV—TRANSPORT INFORMATION

No classification assigned by IATA.

SECTION XV—REGULATORY INFORMATION

TSCA inventory status

Y

TSCA 12(b) export notification

Not listed

SECTION XVI—OTHER INFORMATION

Recommended used and restrictions

None

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