

Material safety data

Supplier: Shanghai huadan package material co.,ltd
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The first

Product category

The product name High pressure low density polyethylene
The project name PE forced tight piece

The second

The raw materials

CAS coding

	(%)	
Polyethylene	99.4	9002-88-4
Zinc stearate	0.003	557-05-1
White oil	0.003	8042-47-5

The third

Physical/chemical properties

Appearance and properties Solid plate, white odourless.
Melting point 140-180°C
Relative density (water = 1) 0.48-0.52 (g/cm³)
Spontaneous combustion >350°C
Solubility Insoluble in water, swelling in xylene.
The main purpose Mainly used for sealing ring, mat production.

The fourth

Combustion and explosion dangerous data

Dangerous characteristic Combustible, not spontaneous combustion under atmospheric pressure.
Hazardous combustion products Under the condition of burning polymer decompose, main toxic substances in the smoke is carbon monoxide.

Fire extinguishing measures and fire extinguishing agent	Use water, dry powder, foam, carbon dioxide fire extinguishing.
Fire extinguishing measures and precautions	No special requirements, into the fire to keep normal breathing condition should be paid attention to.
The fifth	Chemical reaction data
The stability of	Stable under natural conditions.
Reactive	No chemical reactivity.
Avoid contact with conditions	Flame, strong light
The sixth	Health data
Risk categories	According to the relevant provisions of the China national standard material does not belong to dangerous chemicals.
Invasive ways	Inhale, eat.
Health hazard	No harm to human body.
Environmental hazards	The material is not easy to spontaneous combustion degradation, dissolve or chemical reaction, but may be photodegradation. Have harm to the environment, should pay special attention to soil pollution.
Combustion hazard	Not burning and explosion under atmospheric pressure, with strong oxidizer contact may cause burning and explosion, Spontaneous combustion temperature greater than 350 °C. Burns main harmful material is carbon monoxide.
Skin contact	No damage, generally no stimulation to skin, exposure not absorbed through the skin.
Glasses contact	Irrigate with flowing water immediately, and as a result of cornea to solid and dust into the mechanical response of stimuli

	In serious foreign body sensation, go to a doctor
Inhalation	General won't produce harm, if affect breathing, go to a doctor
Eat	Can a small amount of food into the natural eduction body outside, excessive ingestion of hospital treatment
Emergency treatment	Ground leak, with clean shovel collected in a clean container, the water leakage, salvage, Collected in a clean container, collect leaking material can prevent slip and fall accidents

The seventh	Toxicology data
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Acute toxicity	The rat acute oral toxicity test, non-toxic
	Rabbit acute skin irritation test, without excitant;
Stimulus	Acute eye irritation on rabbit experiment, the cornea, Iris, conjunctival all without excitant
Respectively	In the short term biological experiment Amos and chlorophyll cell chromosome aberration experiment, Did not see the resin particles water soaking liquid has respectively. (salmonella typhimurium)
Carcinogenicity	Insufficient evidence to human beings

The eighth	Information ecology
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Ecological toxicity	Ecological and biological accumulation, not violent toxic reaction. Material in a terrestrial environment will remain in the soil in the Marine environment materials will be floating on the surface
Biodegradability	When the material light degradation products of relative molecular weight is less than 5000, light degradation products may continue to biodegradation. Under high temperature and oxidation decomposition, pyrolysis residues is 0, less than 400 mm wavelength ultraviolet light

Especially in 290 ~ 320 nm wavelength ultraviolet light is the

The biodegradability main factor to polymer light and decomposition.

Oxygen, heat, water (rain, snow), force (wind, the sand), and other natural environment factors involved in will accelerate the process of photodegradation

The ninth

Scrap processing

Waste material
properties:

General solid wastes.

Waste disposal
method:

This product is the best reuse, the crushing method can be used for recycling, waste generated in production process should be kept clean and properly stored for recycling, in accordance with local laws, regulations and other requirements, to burn.

The first ten

Pay special attention to matters

Operation treatment
of notice

Avoid direct contact with strong oxidizer, want light light discharge when handling, prevent damage of the packing carton scattered affect environment, equipped with corresponding varieties and number of fire equipment, and the leakage emergency handling equipment. Empty containers should be focus on after collection. To prevent environmental damage.

Storage precautions

Store in a cool and dry ventilated inside storeroom, away from the fire source of heat and strong oxidizer, keep the carton sealing, should be used with chemicals stored separately.

The eleventh

Other instructions

According to our current understanding of the product, the above data is correct, but only as the purpose of the product. If there are any new knowledge and information, we will be amended in time