

MSDS Material Safety Data Sheet



Material and Manufacturer Data

Material Name	Internal Releasing Agent 850B
English Name	Internal Releasing Agent 850B
Manufacturer or supplier name	MERCURY TECHNOLOGY INTEDRNATIONAL LTD
Adress	4F., No.53, Ln. 258, Ruiguang Rd., Neihu Dist., Taipei City11466, Taiwan (R.O.C.)
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Effective date	January 10th ,2021
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INFORMATION ON INGREDIENTS

sterling mixture

Product name: Intemal mould releasing agent(against yellow)for silicone rubber			
Ingredients	Molecular formula	Contents (%)	CAS NO
Cetearyl methicone	$(\text{CH}_3)_3\text{SiO}-[\text{Si}(\text{CH}_3)_2\text{-O}]_n\text{Si}(\text{CH}_3)_3$	40	112926-00-8
Parting powder	$\text{C}_{36}\text{H}_{70}\text{O}_4\text{Zn}$	40	557-05-1
Against yellow agent for silicone rubber	$(\text{CH}_3)_3\text{SiO}(\text{CH}_2\text{Si}(\text{CH}_3)\text{O})_m(\text{HSi}(\text{CH}_3)_2)_n\text{Si}(\text{CH}_3)_3$	20	63148-57-2

Emergency Summarizing

Haxards grade	Not applicable
Invasion way	ingestion
Fire danger	Flammable while contact open flame or high temperture

Emergency Treatment

Emergency Treatment of Different expose way
Skin contact :
<ol style="list-style-type: none"> 1 .Avoid to contact with this chemical material directly,wear antiseepage clothes if needed ◦ 2 .Rub down over taint chemical sofely as quickly as possible ◦ 3 .Use water and not frictional property soao to ease the harmness but wask afflicted part over 20

seconds ◦

4 .Take off the polluted clothes and leather(watches ,leather belt)while washing ◦

5 .See the doctor at once ◦

6 .Must pollution cleaning totally the polluted clothes and leather products,then can use again or get rid of it ◦

Eyes contact :

1 .Avoid to contact the chemical product directly,wear protective glasses in a pinch ◦

2.Rub down over taint chemical sofely as quickly as possible

3 .open eyelid,use warm water wash it over 20 seconds at once. ◦

4 .Be careful and do not let the polluted water spread to other uncontaminated eye parts or face ◦

5.See doctor at once ◦

Ingestion : 1 . .Should drink the water with charcoal,and see doctor at once ◦

Defend to emergency people:wear protetive grove,avoid to contact polluted material ◦

Fire Protection

Applicable fire extinguisher .dry chemical powder,foam,carbon dioxide,sandy clay

Low flame: Sand for Emergency Use or spray foam,powder,Taboo Acid-base type extinguisher to fight fire .

Big fire: call the fire station to fight the fire,and keep 10-15 merers safe distance.

Hazardous characteristics : flammable if contact open flame or high temperture.

Deleterious combustion product carbon monoxide ,carbon dioxide,Silicone Oxide

Special protetive gear of fire fighter:fire fighter must wear air respiratorresuscitator,Fire garment and protective gloves.Fire fighter must fight the fire above and standing in the safe distance.

Emergency treatment of leakiness

Emergncy treatment:

1 .Isolate it with fire seat

2.do not let the leak product contact reducing agent,organic matter,Flammable powder or finely divided metal.

Methods of cleaning:

1 .Isolate it with fire seat.

2 .Use plastic pan(prevent to cause spark)to clean and put it in PE pail or glass bottle.

3 .Use inert substance (for exampe vermiculite or clean sand)to adsorb.

Handling and storage methods

Matters need attention:

1. Peroxide is combustible, must remove from fire seat and pyrotoxin.
2. Must store it in the original binding pail .If contact rust,dust,soil and any type of chemicla,may cause decomposition reaction,
3. Must wear protetive clothes and blinkers while using it,

Storage:

1. Store it in the shady and cool place.
2. Must operate the product label marked storage tempreture.
3. Positively no smoking or light a fire in department or warehouse.

Act control

Engineering control:

1. use local Exhoast Ventilation System,close the processing procedure in a pinch to control the fogdrop and steam.
- 2 .Use no causing spark and grounded ventilation system separately.
- 3 .Pass the vent to the outdoor.
- 4 .Supply enough fresh air to replenish the air pumped by the ventilation system.

Personal proteting decice :use prottetive gloves and goggle

Respiratory protection :no need

Hand protection : antiseepage gloves.Using above 8 hours,suggest to adopt 4 H or Barricade; Above 4 hours,can use polyvinyl alcohol, teflon, fluorizate elastomer,etc ◦

Skin and body protection:General clothes is OK.

- Hygienic measure:
- 1 .Take off the pulluted clothes after work ,wear again or get rid of it after cleaning up,and should advice the perniciousness of the infectant ◦
 - 2.Wash hand thoroughly after disposal it.
 - 3.Keep clean of the working place ◦

Physical and chemical properties

Appearance and state	gelatineous
Colour	White
Density	1.09(water=1)
Solubility	Insoluble in water ,Freely soluble benzene and esters related to nonpolar solvent
Mail application	Vulcanized intemal mould releasing agent for silicone rubber by high temperature.

Invariability and responsivity

Invariability: stable in the normal condition
Special conditions of Hazardous Reaction : Not applicable
Avoidable condition : <ol style="list-style-type: none">1 .metal salt,peroxide,oxidizer,strong acid or alkali may cause decompose or explosine ◦2 .high-heat,spark,open flame,ignition source ◦
Avoidable material: 1.metal salt, peroxide,oxidizer,strong or alkali
Hazardous Decomposition Products :carton monoxide,carbon dioxide,silicon oxide

Toxicity data

Acute toxicity :
Breath in Low volatility ,no report about deadliness by this product ◦
Skin : 1 .No report related to human being. <ol style="list-style-type: none">2 .Slight deadliness to the tested animal skin ◦
Ingestion : 1 .No report related to human being ◦
Slow toxicity or Chronic : <ol style="list-style-type: none">1 .May harm the liver and gastrointestinal system ◦2 .May cause dryness of skin.

Ecological material

Probable environmental influence/Environmental spread :
<ol style="list-style-type: none">1. While releasing to the soil,will cause biological decomposition ◦2. Easy photolysis above 120°C ◦

Methods of Disposal considerations

Methods of disposal considerations :
<ol style="list-style-type: none">1.Disposal according to current law ◦2 .Store the pending waste accordint to storage condition.3.consult national or local law before disposal.

Transport information

Hazardous goods NO :
UN number :

Domestic traffic rules : 1. Waterway transportation of dangerous goods code 2. Automobile transportation of dangerous goods code
Packaging mark: NO
Packing method: plastic bag, plastic bucket
Special means of conveyance and notice: 1 Transport temperature do not 50 °C 2. Strictly prohibit to transport with acid, oxidizer, food and food additive. 3. Removed from pilot fire and origin of heat.

Regulatory information

Applicable rule :
<p>《 Convention Safety in the Use of Chemical at Work 》 (170)</p> <p>《 Workplace safety using chemicals 》</p> <p>《 Law of the People's Republic of solid waste pollution prevention 》</p>

Other information

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Lister position	Factory director	Name (Signature) : Lin Zhongwei
List date	2021/1/10	
Data verify Dept	MERCURY TECHNOLOGY INTEDRNATIONAL LTD	
Amend specification	Regular updates every five years	