



Safety Data Sheet

Sample Name: ZY-850A(810A/820A/830A/840A/860A/870A/880A/890A)

Client: DONG GUAN NEW ORIENTAL TECHNOLOGY CO.,LTD

Adress: North gate Lane Longhe Industrial Park Tianxin Village Huangjiang Town Dongguan City China

Checked by

Jackie

Signed for and on behalf of HCT

Michael
Laboratory Manager



Safety Data Sheet(SDS)

According to EU Regulation No.1907/2008 Article 31

Report No.: SZC12050981781-4E

Date: 17 May, 2012

Page 1 of 9

Section 1 - Identification of the substance/preparation and of the company/undertaking

Product identifier

Product Name : ZY-850A(810A/820A/830A/840A/860A/870A/880A/890A)

File Numbers : SZC12050981781-4E

Details of the supplier of the safety data sheet

Manufacture/Supplier : DONG GUAN NEW ORIENTAL TECHNOLOGY CO.,LTD

Address : North gate Lane Longhe Industrial Park Tianxin Village Huangjiang Town Dongguan City China

Information Phone Number : (0086)-769-83639068

Emergency Phone Number : N/A

Fax : (0086)-769-83639098

E-mail : N/A

Application : Produce common silicon rubber products and other parts, ordinary buttons and silicone rubber gel, especially suitable to add color products, and apply to moulding process

Further information obtainable from: DONG GUAN NEW ORIENTAL TECHNOLOGY CO.,LTD

Section 2 - Hazards Identification

GHS Classification

Eye irritation Category 2B

Skin Corrosion/irritation Category 3

Appearance/ Odour: Translucent

Fire/explosion hazards: Flammable in high temperature

NEPA Classification(Range 0~4) : Health hazard=2 Fire hazard=1 Reactivity=1
Min/Nil=0 Low=1 Moderate=2 High=3 Extreme=4

Label elements

Labell sign



Signal Word: WARNING

Hazard warning information

H313 May cause mild skin irritation

H320 May cause eye irritation

Hazard precautionary measure

Prevention:

HONGCAI TESTING TECHNOLOGY CO.,LTD

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No: 0416419



Safety Data Sheet(SDS)

According to EU Regulation No.1907/2008 Article 31

Report No.: SZC12050981781-4E

Date: 17 May, 2012

Page 2 of 9

P264 Wash...thoroughly after handling

Response:

P305+P351+P338 IF IN EYES:Rinse cautiously with water for several minutes,Remove contact lenses.if present and easy to do. Continue rinsing.

P332+P313 If skin irritation occurs: Get medical advice/attention

P337+P313 If eye irritation persists:Get medical advice/attention

Section 3 –Composition/Information on Ingredient

Chemical characterization : Mixture

Description

Mixture: consisting of the following components

Ingredient Name	CAS RN	EC No	Content (%)
Raw rubber(methylvinylpolysiloxane)	68037-87-6	—	65~68
Silica amorphous	112945-52-5	—	23~28
Polydimethylsiloxane	63148-62-9	—	4~12

Section 4 - First Aid Measures

Description of first aid measures

After Inhalation

- If combustion products are inhaled remove from contaminated area
- Other measures are usually unnecessary

After skin touch

- Immediately remove all contaminated clothing, including footwear
- Flush skin and hair with running water (and soap if available)
- Seek medical attention in event of irritation

After eyes touch

- Wash out immediately with water
- Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids
- If irritation continues, Seek medical attention
- Remove of contact lenses after an eye injury should only be undertaken by skilled personnel

After swallowing

- Immediately gives a glass of water
- First aid is not generally required,if in doubt,contact a doctor

For doctor's information

Treat symptomatically

Section 5 - Fire Fighting Measures

Extinguishing media

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Safety Data Sheet(SDS)

According to EU Regulation No.1907/2008 Article 31

Report No.: SZC12050981781-4E

Date: 17 May, 2012

Page 3 of 9

Suitable extinguishing agents

- Water spray or fog
- Foam
- Dry chemical powder
- BCF(Where regulations permit)
- Carbon dioxide

For safety reason unsuitable extinguishing agents

None

Special hazards arising from the substance or mixture

- On combustion, may emit toxic fumes of carbon monoxide(CO)
- Combustion products include: carbon dioxide(CO₂), Silicon dioxide(SiO₂), Other pyrolysis products typical of burning organic material
- May emit acrid smoke
- May emit corrosive fumes

Fire incompatibility

Avoid contamination with oxidising agent

Advice for firefighters

- Wear breathing apparatus plus protective gloves
- Use water delivered as a fine spray to control fire and cool adjacent area.
- DO NOT approach containers suspected to be hot..

Additional information

None

Section 6 –Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

No information

Environmental precautions

- Do not allow product to reach sewage system or any water course
- Inform respective authorities in case of seepage into water course or sewage system

Methods and material for containment and cleaning up

Minor spills

- Remove all ignition sources
- Clean up all spills immediately
- Avoid breathing vapours and contact with skin and eyes

Major spills

- Clear area of personnel and move upwind
- Control personal contact by use protective equipment and dust respirator
- Prevent, by any means available, spillage from entering drains or water courses
- Recover product wherever possible
- IF DRY: Use dry clean up procedures and avoid generating dust.

Reference to other sections

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Safety Data Sheet(SDS)

According to EU Regulation No.1907/2008 Article 31

Report No.: SZC12050981781-4E

Date: 17 May, 2012

Page 4 of 9

See section 7 for information on safe handling

See section 8 for information on personal protection equipment.

See section 13 for disposal information.

Section 7 - Handling and Storage

Handling

Precautions for safe handling

- Avoid all personal contact, including inhalation
- Wear protective clothing when risk of exposure occurs
- Prevent concentration in hollows and sumps
- Avoid contact with with incompatible materials
- Always wash hands with soap and water after handling
- DO NOT cut,drill,grind or weld such containers

Information about fire and explosion protection

Avoid reaction with oxidising agents

Conditions for safe storage, including any incompatibilities

Storage

- Store in original containers
- Keep containers securely sealed
- Stored in a cool, dry, well-ventilated area
- Stored away from incompatible materials and foodstuff containers

Information about storage in one common storage facility

Stored away from strong oxidising agent

Safe storage with other classified chemicals



+ : May be stored together

× : Must not be stored together

Section 8 - Exposure Controls, Personal Protection

Information about design of technical facilities

No further data, see section 7

Control parameters

Exposure controls: N/A

Emergency exposure limits :N/A

Ingredients with limit values that require monitoring at the workplace: See exposure controls

Personal protective equipment

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No: 0416258

Safety Data Sheet(SDS)

According to EU Regulation No.1907/2008 Article 31

Report No.: SZC12050981781-4E

Date: 17 May, 2012

Page 5 of 9

Protection of hands



protection gloves

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed information on basic physical and chemical properties

Eye protection



Chemical goggles

Respirator protection



Respirator

Body protection



Protective clothing

Section 9 - Physical and Chemical Properties

Information on basic physical and chemical properties

General Information

Appearance : Translucent
Form : No information
Color : No information

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Safety Data Sheet(SDS)

According to EU Regulation No.1907/2008 Article 31

Report No.: SZC12050981781-4E

Date: 17 May, 2012

Page 6 of 9

Odour : No information

Change in condition

Melting point/Melting range : Not applicable

Boiling point/Boiling range : Not applicable

Flash point : Not applicable

Decomposition temp : Not applicable

Flammability(solid, gaseous) : Flammable

Self-igniting : product is not selfigniting

Upper Explosive Limit(%) : Not applicable

Lower Explosive Limit(%) : Not applicable

Density(water=1) : 1.14

Solubility in / Miscibility with Water: Not miscible or difficult to mix.

Viscosity(ku) : N/A

Physical properties: No information

Section 10 - Stability and Reactivity

Reactivity: Stable

Chemical Stability

Thermal decomposition/condition to be avoided

No decomposition if used and stored according to specifications

Possibility of hazardous reaction: Avoid reaction with oxidising agents

Incompatible materials

Oxidising agent

Hazardous decomposition products

Formation of toxic gases is possible during heating or in case fire

Carbon monoxide(CO), Carbon dioxide(CO₂),other pyrolysis products typical of burning organic material

Section 11 - Toxicological Information

Information on toxicological affects

Acute Toxicity

LD/LC50 values relevant for classification

LD50: Not available, Refer to individual constituents

LC50: Not available, Refer to individual constituents

Primary irritant effect

On the skin

Skin contact with the material may be harmful,systemic effects may result following absorption

On the eyes





Safety Data Sheet(SDS)

According to EU Regulation No.1907/2008 Article 31

Report No.: SZC12050981781-4E

Date: 17 May, 2012

Page 7 of 9

The material may cause eye irritation in a substantial number of individuals and/or may produce significant ocular lesions which are present 24 hours or more after instillation into the eyes of experimental animals

Swallowed

- Swallowing of the liquid may cause aspiration of vomit into the lungs with the risk of haemorrhaging , pulmonary oedema,progressing to chemical pneumonitis
- Accidental ingestion of the material may be damaging to the health of the individual

Sensitization: No sensitizing effect known

Additional toxicological information

The product is not subject to classification according to the calculation methods of the General EU Classification Guidelines for Preparations as issued in the latest version.

Section 12 - Ecological Information

12.1 Environmental Data

Not determined

12.2 Mobility in soil and water: High

12.3 Persistence/Biodegradability

Air/Low

12.4 Ecotoxicity Data

Aquatic Toxicity: Not determined

Bioconcentration: Not determined

Atmospheric environment: Not determined

Additional ecological information:

Not known to be hazardous to water.

Do not allow product to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Section 13 - Disposal Considerations

Waste treatment methods

Recommendation

Must be special treated adhering to official regulations.

Smaller quantities can be made according to official regulations.

Uncleaned packaging

Disposal must be made according to official regulations.

Non contaminated packaging may be reused.





Safety Data Sheet(SDS)

According to EU Regulation No.1907/2008 Article 31

Report No.: SZC12050981781-4E

Date: 17 May, 2012

Page 8 of 9

Section 14 - Transport Information

Land transport ADR/RID (cross-border)

ADR/RID class : No information

Un-Number : No information

Inland shipping ADN

AND/R Class Code : No information

Maritime transport IMDG

IMDG Class : No information

Un-Number : No information

Air transport ICAO-TI and IATA-DGR

ICAO/IATA Class : No information

Un-Number : No information

Packing classification : No information

Packing mark : No information

Packing method : Carton, plastic box etc

Special precautions for user: without extrusion stress

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

International regulation/Ordinances

Requirements of Hazard and safety information on the label

Disposal of chemicals should comply with the general safety regulations

EU directives / regulations

This product need follow the related regulations about dangerous substances regulations of EU directives

Code letter and hazard designation of product

N/A

Chemical safety assessment

EEC classification

Risk Codes

Risk Phrases

R10

Flammable

Safety Codes

Safety Phrases

S24

Avoid contact with skin

S25

Avoid contact with eyes

S26

In case of contact with eyes, rinse with plenty of water and contact,Doctor or Poisons Information Centre

S37

Wear suitable gloves

S39

Wear eye/face protection

Annex II of Directive 67/548/EEC:Indications of Danger

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Safety Data Sheet(SDS)

According to EU Regulation No.1907/2008 Article 31

Report No.: SZC12050981781-4E

Date: 17 May, 2012

Page 9 of 9

N	Dangerous for the environment
Xi	Irritant
Xn	Harmful

Section 16 - Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship .

This information of section 3 and section 9 is provided by: DONG GUAN NEW ORIENTAL TECHNOLOGY CO.,LTD

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereux par Route(European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereux par chemin de fer(Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association"(IATA)

ICAO: International Civil Aviation Organization

ICAO-TL: Technical Instructions by the "International Civil Aviation Organization"(ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

***End ***

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