

SAFETY DATA SHEET FOR CHEMICAL PRODUCTS (SDS)

Report No. NB2020116635 Date: November 16, 2020 Page: 1/9

Applicant Name : ZHONGSHAN OSBANG NEW MATERIAL CO.,LTD

Applicant Address : MEICHANG WOOD INDUSTRY PARK, ZONE E, BUILDING NO.1 ,
NANLANG TOWN, ZHONGSHAN CITY, GUANGDONG PROVINCE,
CHINA

Product Name : Epoxy Resin

Received Date : November 13, 2020

Compilation Period : November 13, 2020 to November 16, 2020

Regulatory Requirements : As requested by the applicant, the Safety Data Sheet is prepared according to Globally Harmonized System of Classification and Labelling of Chemicals (GHS) Rev_8 (2019) .

Signed for and on behalf of Guangdong NewBest Testing Service Co., Ltd.

Approved by:



Manager



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SAFETY DATA SHEET FOR CHEMICAL PRODUCTS (SDS)

Report No. NB2020116635

Date: November 16, 2020

Page: 2/9

SECTION 1. Identification of the substance/preparation and company

1.1 Product Identification	: Epoxy Resin
1.2 Model No.	: OS 806/ OS810 / OS820 / OS 818/ OS801/ OS 809
1.3 Recommended Use	: DIY
1.4 Manufacturer Name	: ZHONGSHAN OSBANG NEW MATERIAL CO.,LTD
1.5 Manufacturer Address	: MEICHANG WOOD INDUSTRY PARK, ZONE E, BUILDING NO.1 , NANLANG TOWN, ZHONGSHAN CITY, GUANGDONG PROVINCE, CHINA
1.6 Manufacturer Tel	: 0755-23319934
1.7 Manufacturer Fax	: /
1.8 Manufacturer Email	: ZSOSBANG2000@126.COM
1.9 Emergency Phone	: 13728628409

SECTION 2. Hazards identifications

2.1 Hazard Class:

According to Globally Harmonized System of Classification and Labelling of Chemicals (GHS) (part 2~4), classification of risk categories.

Skin corrosion/irritatio , categories 2

Sensitisation, skin, categories, categories 1

Eye irritation , categories 2A

2.2 Pictograms:



2.3 Signal word:

Warning

2.4 Hazard description:

H315 May causes skin irritation

SAFETY DATA SHEET FOR CHEMICAL PRODUCTS (SDS)

Report No. NB2020116635 Date: November 16, 2020 Page: 3/9

H317 May cause an allergic skin reaction

H319 Causes may eye irritation

2.5 Precautionary description:

P261 Avoid breathing dust/fume/gas/mist/ vapours/spray.

P264 Wash face and hand thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

SECTION 3. Composition / information on ingredients

Ingredient(s) of the product: Mixture

Substance name	Conc. (%)	CAS. No
Bisphenol A epoxy resin (E-51)	89.7	25068-38-6
AGE (12 to 14 APEO)	10	68609-97-2
Defoamer	0.3	87435-55-0

SECTION 4. First aid measures

General advice: Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.

4.1 Following inhalation:

Move victim into fresh air. If breathing is difficult, give oxygen. Do not use mouth to mouth resuscitation if victim ingested or inhaled the substance. If not breathing, give artificial respiration and consult a physician immediately

4.2 Following skin contact:

Take off contaminated clothing and shoes immediately. Wash off with plenty of water for at least 15 minutes and consult a physician if feeling uncomfortable.

4.3 Following eye contact:

In case of contact may cause irritation, immediately flush eyes with plenty of water for at least 15

SAFETY DATA SHEET FOR CHEMICAL PRODUCTS (SDS)

Report No. NB2020116635

Date: November 16, 2020

Page: 4/9

minutes. Call a physician immediately if eyes are hurt.

4.4 Following ingestion:

Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.

SECTION 5. Firefighting measures

5.1 Hazardous Characteristics:

No hazardous characteristics.

5.2 Extinguishing Media:

Dry powder, Chemical foam, Carbon dioxide, water mist.

5.3 Firefighting procedures:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.

Take all precautions to avoid mixing with combustibles.

5.4 Hazardous combustion products:

Carbon monoxide, organic volatiles

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Wear appropriate protective measures (SEE SECTION 8).

6.2 Environmental precautions:

Discharge into the environment must be avoided.

6.3 Cleaning method:

Remove by liquid absorbing material (e.g. kieselguhr) . Adhered or collected material should be promptly disposed of. Disposal of discarded waste/pollutants refers to SECTION 13.

SECTION 7. Safe handling and storage



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SAFETY DATA SHEET FOR CHEMICAL PRODUCTS (SDS)

Report No. NB2020116635

Date: November 16, 2020

Page: 5/9

7.1 Handling Notes:

Keep indoor ventilation or local exhaust device.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Use only outdoors or in a well-ventilated area.

7.2 Storage Notes:

Stored in cool and dry condition.

Do not store with incompatible material (see section 10.2)

SECTION 8. Exposure controls / personal protection

8.1 Occupational Exposure Limit:

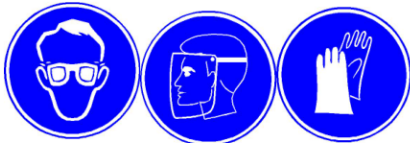
No relevant data

8.2 Engineering Control:

Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Ensure that eyewash stations and safety showers are proximal to the work-station location.

8.3 Personal Protection:

General requirement:	
Respiratory:	If exposure limits are exceeded or if irritation or other symptoms are experienced, use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges.
Eyes:	Wear protective goggle (Conform to EC EN 166 or US-NIOSH).
Hands:	Wear protective gloves (such as butyl rubber), passing the tests according to EN 374(EU), US F739 or AS/NZS 2161.1 standard.

8.4 Sanitary Measure:

Forbid smoking, eating and drinking in working places. Washing hands after handling products.

SAFETY DATA SHEET FOR CHEMICAL PRODUCTS (SDS)

Report No. NB2020116635

Date: November 16, 2020

Page: 6/9

SECTION 9. Physical and chemical properties

Appearance and Color	Transparent Liquid
Odour	Low odour
PH value	No Data
Flammability	Noncombustible
Density(g/cm ³)	1.15-1.20
Relative steam density (air = 1)	No Data
Vapor pressure(MPa)	No Data
Octanol/water partition coefficient	No Data
Viscosity	No Data
Flash point(°C,Closed cup)	>93
Boiling point(°C)	No Data
Melting point (°C)	180
Evaporation rate (kg/s)	No Data
UEL %(V/V)	Not Applicable
LEL %(V/V)	Not Applicable
Auto-ignition temperature(°C)	Not Applicable
Decomposition temperature(°C)	No Data
Solubility	Insoluble in water

SECTION 10. Stability and reactivity

10.1 Stability:

Stable under recommended storage and handling conditions (See section 7).

10.2 Material for avoiding:

Strong oxide, acid and alkali, Strong reducing agent.

10.3 Contact conditions for avoiding:

Sunlight, high temperature.

10.4 Hazardous decomposition products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.



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Report No. NB2020116635

Date: November 16, 2020

Page: 7/9

SECTION 11. Toxicological information

11.1 Acute toxicity:

Based on available data, the classification criteria are not met.

11.2 Skin corrosion/irritation:

Skin corrosion/irritation, categories 2

11.3 Serious eye damage/irritation:

Eye damage/eye irritation, categories 2A

11.4 Respiratory or skin sensitisation:

Sensitisation, skin, categories, categories 1

11.5 Germ cell mutagenicity:

Based on available data, the classification criteria are not met.

11.6 Carcinogenicity:

Based on available data, the classification criteria are not met.

11.7 Reproductive toxicity:

Based on available data, the classification criteria are not met.

11.8 STOT-single exposure:

Specific target organ toxicity, single exposure; Respiratory tract irritation, categories 3

11.9 STOT-repeated exposure:

Based on available data, the classification criteria are not met.

11.10 Aspiration hazard.:

Based on available data, the classification criteria are not met.

SECTION 12. Ecological information

12.1 Toxicity:

No data available.

12.2 Persistence and degradability:

No data available.

12.3 Bioaccumulative potential:



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Report No. NB2020116635

Date: November 16, 2020

Page: 8/9

No data available.

12.4 Mobility in soil

No data available.

12.5 Other Dangers:

No data available.

SECTION 13. Disposal considerations

13.1 Handling method for waste:

Handling waste according to the local regulations. Contact specific waste disposal company or companies recommended by local laws.

13.2 Handling method for uncleaned packaging

Processing as general waste processing after the empty container.

SECTION 14. Transport information

Packaging Label	None
UN NO	None
Technical name	None
Transport hazard class	None
Subsidiary hazard class	None
Packing group	None
Special Provisions	None

SECTION 15. Regulatory information

Hazardous chemicals catalog

Dangerous Goods Number Of United Nations

Classification and code of dangerous goods

Occupational Safety and Health Act (OSHA)

The principle of classification of transport packaging groups of dangerous goods



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Date: November 16, 2020

Page: 9/9

In accordance with all local laws.

SECTION 16. Other information

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the result of its use, this information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

***** END *****