

FOROP ADVANCED MATERIALS CO.,LTD
ZHUSHANXILOU VILLAGE,YINXI STREET,FUQING CITY,FUJIAN

SGS Job No. : CP20-055370 - GZ
Sample Name : BOPP FILM (Glossy film)
End Uses : Printing、Laminating、Packaing
Composition/Ingredient of sample (as per client submission) : See *section 3 Composition/information on ingredients* on the SDS report
Job Receiving Date : 26 Oct 2020
SDS Preparation Period : 26 Oct 2020-30 Oct 2020

Service Requested : Safety Data Sheet (SDS) for the sample with submitted composition.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with European Commission Regulation (EC) No 1907/2006, Regulation (EC) No 1272/2008 and Regulation (EU) No 2015/830, and is provided per attached.

Remark:

The SDS is prepared based on the information provided by client.

* This sample is likely to be classified as article with substances not intended to be released and is out of scope of a SDS as set out in Regulation (EC) No 1907/2006. This SDS is generated for client's reference only.

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Zm guan
Approved Signatory



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Safety data sheet

Regulation (EC) No. 1907/2006 and 1272/2008

Printing date 30.10.2020

Version number 1

Revision: 26.10.2020

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** BOPP FILM (Glossy film)
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the mixture:** Printing, Laminating, Packing
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer / Supplier:** FOROP ADVANCED MATERIALS CO.,LTD
- **Full address:** ZHUSHANXILUO VILLAGE, YINXI STREET, FUQING CITY, FUJIAN
- **Phone number:** 0591-86090907
- **Email:** 494584832@qq.com
- **Only Representative / other EU contact point:** Not available
- **Further information obtainable from:** FOROP ADVANCED MATERIALS CO.,LTD
- **1.4 Emergency telephone number:**
GERMANY
Poison Center Berlin - Institute of Toxicology
Tel: +49 030 192 40
- **1.5 Reference Number:** CANEC2018589001, CP20-055370 - GZ
- **1.6 Remark:**
* This sample is likely to be classified as article with substances not intended to be released and is out of scope of a SDS as set out in Regulation (EC) No 1907/2006. This SDS is generated for client's reference only.

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The product is not classified according to the CLP regulation.
- **Information concerning particular hazards for human and environment:**
The product has not to be labelled due to the calculation procedure of Regulation (EC) No. 1272/2008.
- **Classification system:**
The classification is according to the latest edition of EU Regulation (EC) No. 1272/2008, and extended by company and literature data.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No. 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **2.3 Other hazards:**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:**
Mixture of the substances listed below with nonhazardous additions.
For the wording of the listed hazard statements refer to section 16.

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· Composition:		
CAS: 9003-07-0	Polypropylene	99.56%
CAS: 107-21-1 EINECS: 203-473-3 Index number: 603-027-00-1	ethane-1,2-diol ⚠ Acute Tox. 4, H302	0.35%
CAS: 112-84-5 EINECS: 204-009-2	(Z)-docos-13-enamide ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	0.07%
CAS: 7631-86-9 EINECS: 231-545-4	silicon dioxide; synthetic amorphous silicon dioxide (nano) substance with a Community workplace exposure limit	0.02%

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General description:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed:**
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed:**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **5.2 Special hazards arising from the substance or mixture:** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures:** Not required.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:** Pick up mechanically.
- **6.4 Reference to other sections:**
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

- **7.1 Precautions for safe handling:**
No special measures required.
For the general occupational hygienic measures refer to Section 8.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:** No special requirements.

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- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **7.3 Specific end use(s):** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· **Ingredients with limit values that require monitoring at the workplace:**

107-21-1 ethane-1,2-diol (0.35%)

IOELV (EU)	Short-term value: 104 mg/m ³ , 40 ppm Long-term value: 52 mg/m ³ , 20 ppm Skin
WEL (Great Britain)	Short-term value: 104** mg/m ³ , 40** ppm Long-term value: 10* 52** mg/m ³ , 20** ppm Sk *particulate **vapour
AGW (Germany)	Long-term value: 26 mg/m ³ , 10 ppm 2(I);DFG, EU, H, Y, 11
VME (France)	Short-term value: 104 mg/m ³ , 40 ppm Long-term value: 52 mg/m ³ , 20 ppm risque de pénétration percutanée

7631-86-9 silicon dioxide; synthetic amorphous silicon dioxide (nano) (0.02%)

AGW (Germany)	Long-term value: 4 E mg/m ³ DFG, 2, Y
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· **Regulatory information**

IOELV (EU): (EU) 2017/164
WEL (Great Britain): EH40/2018
AGW (Germany): TRGS 900
VME (France): ED 984, 10.2016

- **DNELs:** Not available
- **PNECs:** Not available

· **Additional information:** The lists valid during the making were used as basis.

· 8.2 Exposure controls

Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure.

- **Appropriate engineering controls:** See Section 7 for information about design of technical facilities.
- **Personal protective equipment**
- **Respiratory protection:** Not required.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

· **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.

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- **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.
- **Eye protection:** Not required.
- **Environmental exposure controls:**
Control measures must be made in accordance with Community environmental protection legislation.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· Appearance

- | | |
|---------------------------|---------------|
| · Form: | Solid |
| · Colour: | Colourless |
| · Odour: | Odourless |
| · Odour threshold: | Not available |

- | | |
|--------------------|---------------|
| · pH-value: | Not available |
|--------------------|---------------|

· Change in condition

- | | |
|---|---------------|
| · Melting point/Freezing point: | Not available |
| · Initial boiling point and boiling range: | Not available |

- | | |
|-----------------------|---------------|
| · Flash point: | Not available |
|-----------------------|---------------|

- | | |
|-------------------------------------|---------------|
| · Flammability (solid, gas): | Not available |
|-------------------------------------|---------------|

- | | |
|-------------------------------------|---------------|
| · Auto-ignition temperature: | Not available |
|-------------------------------------|---------------|

- | | |
|-------------------------------------|---------------|
| · Decomposition temperature: | Not available |
|-------------------------------------|---------------|

- | | |
|-------------------------|------------------------------|
| · Self-igniting: | Product is not selfigniting. |
|-------------------------|------------------------------|

- | | |
|--------------------------------|---|
| · Explosive properties: | Product does not present an explosion hazard. |
|--------------------------------|---|

· Explosion limits

- | | |
|--------------------------------|---------------|
| · Lower: | Not available |
| · Upper: | Not available |
| · Oxidising properties: | Not available |

- | | |
|---------------------------|---------------|
| · Vapour pressure: | Not available |
|---------------------------|---------------|

- | | |
|-------------------|---------------|
| · Density: | Not available |
|-------------------|---------------|

- | | |
|----------------------------|---------------|
| · Relative density: | Not available |
|----------------------------|---------------|

- | | |
|--------------------------|---------------|
| · Vapour density: | Not available |
|--------------------------|---------------|

- | | |
|----------------------------|---------------|
| · Evaporation rate: | Not available |
|----------------------------|---------------|

· Solubility in / Miscibility with water:

Not available

- | | |
|--|---------------|
| · Partition coefficient: n-octanol/water: | Not available |
|--|---------------|

· Viscosity

- | | |
|---------------------|---------------|
| · Dynamic: | Not available |
| · Kinematic: | Not available |

- | | |
|--------------------------------|--|
| · 9.2 Other information | No further relevant information available. |
|--------------------------------|--|

SECTION 10: Stability and reactivity

- **10.1 Reactivity:** Data not available

- **10.2 Chemical stability:** Data not available

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- **10.3 Possibility of hazardous reactions:** No dangerous reactions known.
- **10.4 Conditions to avoid:** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values relevant for classification:**

7631-86-9 silicon dioxide; synthetic amorphous silicon dioxide (nano)

Oral	LD50	10,000 mg/kg (rat)
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- **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation:** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability:** No further relevant information available.
- **12.3 Bioaccumulative potential:** No further relevant information available.
- **12.4 Mobility in soil:** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.
- **12.7 Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging**
- **Recommendation:** Disposal must be made according to official regulations.

EU

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SECTION 14: Transport information

· 14.1 UN-Number · ADR/RID/ADN, IMDG, IATA	Not applicable
· 14.2 UN proper shipping name · ADR/RID/ADN, IMDG, IATA	Not applicable
· 14.3 Transport hazard class(es) · ADR/RID/ADN, IMDG, IATA · Class · Label	Not applicable -
· 14.4 Packing group · ADR/RID/ADN, IMDG, IATA	Not applicable
· 14.5 Environmental hazards · Marine pollutant:	No
· 14.6 Special precautions for user: · Danger code (Kemler):	Not applicable -
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable
· 14.8 Transport/Additional information:	Not dangerous according to the above specifications.
· UN "Model Regulation":	Void

SECTION 15: Regulatory information

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

· **MAK(German Maximum Workplace Concentration)**

None of the ingredients is listed.

· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **Seveso category** Not applicable

· **Qualifying quantity (tonnes) for the application of lower-tier requirements** Not applicable

· **Qualifying quantity (tonnes) for the application of upper-tier requirements** Not applicable

· **National regulations:**

· **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

· **Other regulations, limitations and prohibitive regulations**

· **SVHC Candidate List of REACH Regulation Annex XIV Authorisation (25/6/2020)**

None of the ingredients is listed

· **REACH Regulation Annex XVII Restriction (20/06/2019)**

See Section 16 for information about restriction of use.

None of the ingredients is listed

· **REACH Regulation Annex XIV Authorisation List (06/2/2020)**

None of the ingredients is listed

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

· **Relevant hazard statements**

H302 Harmful if swallowed.

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H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2015/830.

DISCLAIMER OF LIABILITY

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Remark:

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Abbreviations and acronyms:

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

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

End of document