

SDS Report

No. SHATY1304161601

Date: Mar. 29, 2013

Page 1 of 1

ZHE JIANG RUN YANG NEW MATERIAL TECHNOLOGY CO.,LTD.
LVSHAN VILLAGE,LVSHAN TOWN,CHANGXING COUNTY,ZHEJIANG PROVINCE,CHINA

SGS Ref. No. : SHTY130300003358; NBTY201300389
Sample Name : IXPE foam
End Uses : Packaging
Composition/Ingredient of sample (as per client submission) : See *Section 3 Composition/information on ingredients* on the SDS report
Job Receiving Date : Mar 20, 2013
Last Information Date : Mar 21, 2013
SDS Preparation Period : Mar 20~28, 2013

Service Requested : Preparation of Safety Data Sheet (SDS) for the sample with submitted information.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with European Commission Directives 67/548/EEC, 1999/45/EC, Regulation (EC) No 1907/2006, Regulation (EU) No 453/2010 and Regulation (EC) No 1272/2008, and is provided per attached.

Signed for and on behalf of
SGS-CSTC Chemical Laboratory



Lindy Liu
Lab Manager

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its preparation only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated, the results shown in this test report refer only to the sample(s) tested.

Safety Data Sheet

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

Printing date 27.03.2013

Revision: 27.03.2013

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

- **Product identifier**
- **Trade name:** IXPE foam
- **Registration number:** Data not available.
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the preparation:** Packaging

- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
 ZHE JIANG RUN YANG NEW MATERIAL TECHNOLOGY CO.,LTD.
 LVSHAN VILLAGE, LVSHAN TOWN, CHANGXING COUNTY, ZHEJIANG PROVINCE, CHINA
 Tel: +86-572-2055776 / +86-13616725058
 Fax: +86-572-2055772
- **Only Representative/ other EU contact point:**
 Buyer is not located in European Union. European Union Member State contact not available.
- **Further information obtainable from:** ZHE JIANG RUN YANG NEW MATERIAL TECHNOLOGY CO.,LTD.
- **Emergency telephone number:**
 Michael Wang
 Tel: +86-572-2055776
- **Email:** wangguanghai79@126.com
- **Reference Number:** SHTY130300003358; SHATY1304161601

SECTION 2: Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
 The product is not classified according to the CLP regulation.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Not applicable.

- **Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Not applicable.
- **Hazard pictograms** Not applicable.
- **Signal word** Not applicable.

- **Hazard-determining components of labelling:** Not applicable.
- **Hazard statements** Not applicable.
- **Precautionary statements** Not applicable.
- **Other hazards** Not applicable.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **Chemical characterization:** Mixtures
- **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

CAS: 471-34-1 EINECS: 207-439-9	calcium carbonate	substance with a Community workplace exposure limit	2-3%
CAS: 14807-96-6 EINECS: 238-877-9	Talc (Mg ₃ H ₂ (SiO ₃) ₄)	substance with a Community workplace exposure limit	0,7-1%

· **Non-dangerous components:**

CAS: 9002-88-4	polyethylene	95-97%
CAS: 123-94-4 EINECS: 204-664-4	glycerol 1-stearate	1-2%

EU

(Contd. on page 2)

Safety Data Sheet

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

Printing date 27.03.2013

Revision: 27.03.2013

Trade name: IXPE foam

(Contd. of page 1)

SECTION 4: First aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately rinse with water.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth with water.
If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂ powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** Wear fully protective suit.

SECTION 6: Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation.
Avoid formation of dust.
Keep away from ignition sources.
Use respiratory protective device against the effects of fumes/dust/aerosol.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Pick up mechanically.
Dispose contaminated material as waste according to item 13.
- **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

- **Handling**
- **Precautions for safe handling**
Keep receptacles tightly sealed.
Keep away from heat and direct sunlight.
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of dust.
- **Information about fire - and explosion protection:** Normal measures for preventive fire protection.
- **Storage:**
- **Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.

(Contd. on page 3)

Safety Data Sheet

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

Printing date 27.03.2013

Revision: 27.03.2013

Trade name: IXPE foam

(Contd. of page 2)

- **Information about storage in one common storage facility:**
 - Store away from foodstuffs.
 - Store away from flammable substances.
 - Store away from oxidizing agents.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.
- **Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

- **Control parameters**

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

471-34-1 calcium carbonate

VME (France)	10 mg/m ³
--------------	----------------------

14807-96-6 Talc (Mg₃H₂(SiO₃)₄)

WEL (Great Britain)	1 mg/m ³
---------------------	---------------------

- **DNELs:** Data not available.
- **PNECs:** Data not available.
- **Additional information:** The lists valid during the making were used as basis.
- **Exposure controls**
 - **Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure**
- **Personal protective equipment**
 - **General protective and hygienic measures:**
 - The usual precautionary measures are to be adhered to when handling chemicals.
 - **Respiratory protection:** Suitable respiratory protective device recommended.
 - **Protection of hands:**
 - 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.
 - **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:** Safety glasses.

SECTION 9: Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form:	Solid
-------	-------

Colour:	Beige
---------	-------

Odour:	Odourless
--------	-----------

Odour threshold:	Data not available.
------------------	---------------------

pH-value:	Data not available.
-----------	---------------------

(Contd. on page 4)

Safety Data Sheet

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

Printing date 27.03.2013

Revision: 27.03.2013

Trade name: IXPE foam

(Contd. of page 3)

· Change in condition:	
Melting point/Melting range:	Data not available.
· Freezing point:	Data not available.
· Boiling point/Boiling range:	Data not available.
· Flash point:	Data not available.
· Flammability (solid, gaseous):	Data not available.
· Auto-ignition temperature:	Data not available.
· Decomposition temperature:	Data not available.
· Self-igniting:	Product is not selfigniting.
· Explosive properties:	Product does not present an explosion hazard.
· Explosion limits	
Lower:	Data not available.
Upper:	Data not available.
· Oxidizing properties:	Data not available.
· Vapour pressure:	Data not available.
· Density:	Data not available.
· Relative density:	Data not available.
· Vapour density:	Data not available.
· Evaporation rate:	Data not available.
· Solubility in / Miscibility with water:	Data not available.
· Partition coefficient (n-octanol/water):	Data not available.
· Viscosity:	
Dynamic:	Data not available.
Kinematic:	Data not available.
· Other information	Data not available.

SECTION 10: Stability and reactivity

- **Reactivity** No decomposition if used according to specifications.
- **Chemical stability** Stable under recommended storage conditions.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** Strong oxidizing agents
- **Hazardous decomposition products:**
Hazardous decomposition products formed under fire conditions. - carbon oxides

SECTION 11: Toxicological information

- **Information on toxicological effects**
- **Acute toxicity**

· LD/LC50 values relevant for classification:

9002-88-4 polyethylene

Oral LD50 > 2000 mg/kg (rat)

471-34-1 calcium carbonate

Oral LD50 6450 mg/kg (rat)

- **Primary irritant effect**
- **on the skin:** Irritating effect possible.

(Contd. on page 5)

Safety Data Sheet

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

Printing date 27.03.2013

Revision: 27.03.2013

Trade name: IXPE foam

(Contd. of page 4)

- **on the eye:** Irritating effect possible.
- **Sensitization:** Sensitization possible.
- **Toxicokinetics, metabolism and distribution:** No further relevant information available.
- **Acute effects (acute toxicity, irritation and corrosivity):** No further relevant information available.
- **Repeated dose toxicity:** No further relevant information available.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):**
No further relevant information available.

SECTION 12: Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **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.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

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

SECTION 14: Transport information

- | | |
|--|-----------------|
| · UN-Number | |
| · ADR, IMDG, IATA | Not applicable. |
| · UN proper shipping name | |
| · ADR, IMDG, IATA | Not applicable. |
| · Transport hazard class(es) | |
| · ADR, IMDG, IATA | |
| · Class | Not applicable. |
| · Packing group | |
| · ADR, IMDG, IATA | Not applicable. |
| · Environmental hazards | |
| · Marine pollutant: | No |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |

(Contd. on page 6)

Safety Data Sheet

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

Printing date 27.03.2013

Revision: 27.03.2013

Trade name: IXPE foam

(Contd. of page 5)

· UN "Model Regulation": -

SECTION 15: Regulatory information

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

· MAK(German Maximum Workplace Concentration)

14807-96-6 Talc (Mg₃H₂(SiO₃)₄)

3B

· 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 (18/6/2012)

None of the ingredients is listed.

· REACH Regulation Annex XVII Restriction (19/9/2012)

None of the ingredients is listed.

· REACH Regulation Annex XIV Authorisation List (14/2/2012)

None of the ingredients is listed.

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

SECTION 16: Other information

 The contents and format of this SDS are in accordance with REGULATION (EC) No 1272/2008, REGULATION (EC) No 1907/2006, Regulation (EU) No 453/2010 and EU Commission Directive 1999/45/EC, 67/548/EEC.

DISCLAIMER OF LIABILITY :

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

 · **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 Harmonized System of Classification and Labelling of Chemicals

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

 End of document