

SDS Report

No. SHATY1304161602

Date: Mar. 29, 2013

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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 US Regulations Relating to Labor 29 CFR 1910.1200 (g), and is provided per attached.

Signed for and on behalf of
SGS-CSTC Chemical Laboratory



Lindy Liu
Lab Manager

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Safety Data Sheet

29 CFR 1910.1200

Printing date 03/27/2013

Reviewed on 03/27/2013

1 Identification

- **Product identifier**
- **Trade name:** IXPE foam
- **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
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- **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; SHATY1304161602

2 Hazards identification

- **Hazard description:** Not applicable.
- **Information pertaining to particular dangers for man and environment:**
The product is not classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).
- **Classification system:**
The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200), and extended by company and literature data.
- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**

| | | |
|------------|---|----------------|
| HEALTH | 0 | Health = 0 |
| FIRE | 0 | Fire = 0 |
| REACTIVITY | 0 | Reactivity = 0 |

3 Composition/information on ingredients

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

· **Dangerous components:**

| | | |
|------------|---|--------|
| 471-34-1 | calcium carbonate | 2-3% |
| 14807-96-6 | Talc (Mg ₃ H ₂ (SiO ₃) ₄) | 0.7-1% |

· **Non dangerous components:**

| | | |
|-----------|---------------------|--------|
| 9002-88-4 | polyethylene | 95-97% |
| 123-94-4 | glycerol 1-stearate | 1-2% |

4 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.

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- **After swallowing:**
Rinse out mouth with water.
If symptoms persist consult doctor.

5 Firefighting measures

- **Suitable extinguishing agents:**
CO₂, extinguishing 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.

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.

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 protection against explosions and fires:** Normal measures for preventive fire protection.
- **Storage**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **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.

8 Exposure controls/personal protection

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

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

471-34-1 calcium carbonate

| | |
|-----|--|
| PEL | 15* 5** mg/m ³ *total dust **respirable fraction |
| REL | 10* 5** mg/m ³ *total dust **respirable fraction |
| TLV | TLV withdrawn |

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14807-96-6 Talc (Mg₃H₂(SiO₃)₄)

PEL 20 mppcf ppm
(containing <1% Quartz)

REL 2* mg/m³
*respirable dust

TLV 2* mg/m³
*as respirable fraction; E

- **Additional information:** The lists that were valid during the creation were used as basis.
- **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 for handling chemicals should be followed.
- **Breathing equipment:** 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

9 Physical and chemical properties

- | | |
|--|----------------|
| · General Information | |
| · Appearance: | |
| Form: | Solid |
| Color: | Beige |
| Odor: | Odorless |
| Odour threshold: | Not available. |
| · pH-value: Not available. | |
| · Change in condition | |
| Melting point/Melting range: | Not available. |
| Freezing point: | Not available. |
| Boiling point/Boiling range: | Not available. |
| · Flash point: Not available. | |
| · Flammability (solid, gaseous): Not available. | |
| · Auto-Ignition temperature: Not available. | |
| · Decomposition temperature: Not available. | |
| · Explosion limits: | |
| Lower: | Not available. |
| Upper: | Not available. |

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- | | |
|---|----------------|
| · Vapor 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. |

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

11 Toxicological information

· **Acute toxicity**

· **LD/LC50 values that are 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.

· **on the eye:** Irritating effect possible.

· **Sensitization:** Sensitization possible.

· **Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations.

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

| | | |
|------------|---|----|
| 9002-88-4 | polyethylene | 3 |
| 14807-96-6 | Talc (Mg ₃ H ₂ (SiO ₃) ₄) | 2B |

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.

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- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
 Water hazard class 1 (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.

13 Disposal considerations

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

14 Transport information

- | | |
|--|-----------------|
| · UN-Number | |
| · DOT, IMDG, IATA | Not applicable. |
| · UN proper shipping name | |
| · DOT, IMDG, IATA | Not applicable. |
| · Transport hazard class(es) | |
| · DOT, IMDG, IATA | |
| · Class | Not applicable. |
| · Packing group | |
| · DOT, 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. |

15 Regulatory information

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

- **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

- **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

- **Proposition 65**

- **Chemicals known to cause cancer:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

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| |
|--|
| · Chemicals known to cause reproductive toxicity for males: |
| None of the ingredients is listed. |

| |
|---|
| · Chemicals known to cause developmental toxicity: |
| None of the ingredients is listed. |

| |
|---|
| · Cancerogenity categories |
| · EPA (Environmental Protection Agency): |
| None of the ingredients is listed. |

| |
|--|
| · TLV (Threshold Limit Value established by ACGIH): |
| 14807-96-6 Talc (Mg ₃ H ₂ (SiO ₃) ₄) |
| A4 |

| |
|--|
| · NIOSH-Ca (National Institute for Occupational Safety and Health): |
| None of the ingredients is listed. |

| |
|---|
| · OSHA-Ca (Occupational Safety & Health Administration): |
| None of the ingredients is listed. |

| |
|--|
| · National regulations |
| · Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water. |

16 Other information

· *****
 The contents and format of this SDS are in accordance with 29 CFR 1910.1200(g).

DISCLAIMER OF LIABILITY :

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