

MATERIAL SAFETY DATA SHEETS

For

Fluorescent Gel beads

Prepared for : ZheJiang Triple Win new material Co.,Ltd
Address : NO.129 TingyaoEastRoad, ganyao industrial park, Jiashan city, zhejiang, china

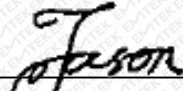
Prepared by : EMTEK (SUZHOU) CO., LTD
Address : Building 5, No.38 North Guandu Road, Yuexi District, Wuzhong Economic Development Zone,Suzhou

Tel : +86-0512-80996798
Fax : +86-0512-80996689

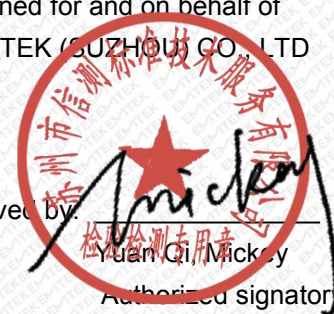
Report Number : EG190624109C01MVer.1
Date of Conduct : Jun. 24, 2019
Date of Report : Jul. 01, 2019

Signed for and on behalf of
EMTEK (SUZHOU) CO., LTD

Prepared by: 
Zhuang Yongchan Betty
Assistant Engineer

Reviewed by: 
Jiang Yufeng, Jason
Technical supervisor

Approved by: 
Yuan Qi Mickey
Authorized signatory
Jul. 01, 2019



MATERIAL SAFETY DATA SHEETS

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

Sample Name : Fluorescent Gel beads
End Uses : Cold Pack , Toys
Company Identification : ZheJiang Triple Win new material Co.,Ltd
Company Address : NO.129 TingyaoEastRoad, ganyao industrial park,
 Jiashan city, zhejiang, china
FAX : 0573-89117889-0
Email : /
Off-hour Emergency Phone Number : 0573-89115888-816

2- Hazards Identification

Fatalness Grade : /
Hazard Symbols : /
Invasion Route : Ingestion, ingestion, skin Contact, eye Contact.
Health Hazards : Basically no harm to the body.
Environment Hazards : Basically no harm to the environment.
Burn & burst Danger : /

3 - Composition / Information on Ingredients

Substance Mixture

Component/Substance	% by wt	CAS Number	EC Number
Sodium polyacrylate	100%	9003-04-7	/

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Reports printed overleaf and is intended for your exclusive use. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. This test report includes all of the tests requested by you and the results thereof based upon the information that you provided. You have 30 days from date of issuance of this test report to notify us of any error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

4 - First Aid Measures

- Skin Contact** : Remove contaminated clothing and wash skin thoroughly with soap and water.
Get medical attention if you feel uncomfortable.
- Eye Contact** : Separate the eyelids and rinse with running water or saline. Seek medical attention immediately.
- Inhalation** : Generally not ingestion.
- Ingestion** : Get medical aid.

5 - Fire-Fighting Measures

- Danger Characteristic** : /
- Harmful Combustion Products** : /
- Fire-Fighting Method & Media** : As far as possible, the container moved to the open place for fire, when necessary, the fire officer should wear the filtered gas mask, fire extinguishing agent: foam, dry powder, carbon dioxide or sand.

6 - Accidental Release Measures

- Emergency treatment** : Cut off the fire source, recycle or waste to the disposal sites of waste disposal.

7 - Handling and Storage

- Handling** : The operator should go through specialized training, adherence to rules. Away from fire, heat, workplace smoking . Corresponding with the variety and quantity of fire equipment and emergency equipment leakage.
- Storing Notes** : Store in a cool, ventilated warehouse, away from fire and heat. Keep container sealed.

8 - Exposure Controls / Personal Protection

Maximum Admissible Concentration	: /
Monitoring Method	: /
Engineering Control	: Can't contact with the fire, high temperature.
Respiratory Protection	: Generally without protection.
Eyes Protection	: Generally without protection.
Body Protection	: Generally without protection.
Hands Protection	: Generally without protection.
Other Protections	: Work site prohibit smoking, eating and drinking. Maintain good health habits.

9 - Physical and Chemical Properties

Appearance	: Particles.	Odor	: Odorless.
Boiling Point	: No data available.	Density	: No data available.
Melting Point	: No data available.	Flashing Point	: No data available.
pH	: No data available.	Specific Heat	: No data available.
Vapor Pressure	: No data available.	Solubility	: Insoluble in water.

10 - Stability and Reactivity

Stability	: Stable under normal use.
Conditions to Avoid	: Heat, open flame.
Materials to Avoid	: /
Hazardous Reactions	: /

11 - Toxicological Information

Chemical Name	RTECS Number
Sodium polyacrylate	WD6826000

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Reports printed overleaf and is intended for your exclusive use. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. This test report includes all of the tests requested by you and the results thereof based upon the information that you provided. You have 30 days from date of issuance of this test report to notify us of any error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Acute Toxicity:

Sodium polyacrylate	LD50	>40 gm/kg (Rat oral)
---------------------	------	----------------------

Irritation:

Chemical Name	Skin irritation	Eye irritation
Sodium polyacrylate	/	2 mg rabbit moderate

Mutagenicity : No data available.

Allergenicity : No data available.

Carcinogenicity : No data available.

Reproductive : No data available.

Toxicity

12 - Ecological Information

Ecotoxicity : No data available.

Persistence And Degradability : No data available.

Bioaccumulative Potential : No data available.

MobilityIn Soil : No data available.

Other Harmful Effects : /

13 - Disposal Considerations

Nature Of Waste : /

Waste Disposal Methods : Should refer to national and local regulations prior to disposal.

Attention Abandoned : No

14 - Transport Information

UN Number : /

Shipping Name : No

Classification : No

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Reports printed overleaf and is intended for your exclusive use. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. This test report includes all of the tests requested by you and the results thereof based upon the information that you provided. You have 30 days from date of issuance of this test report to notify us of any error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Packaging Group (if applicable) : No

Transport Attentions : Transportation Note: Examine whether the package of containers are integrate and tight-closed or not before transport. No divulgence, no collapse, no precipitation or no damage during the course of transportation Don't put goods together with acids and chief food chemicals.

15 - Regulatory Information

Regulatory Information : ISO 11014-2009
Safety data sheet for chemical products - Content and order of sections
GB/T 16483-2008
Safety data sheet for chemical products—Content and order of sections
GB 13690-2009
General rule for classification and hazard communication of chemicals
National Hazardous Waste List
GHS - Globally harmonized system of classification and labeling of chemicals, third revised edition.

16 - Other Information

Date : Jul. 01, 2019

Data Audit Units : EMTEK (SUZHOU) CO., LTD

Abbreviation : EC: European Inventory of Existing Commercial chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
RTECS: Registry of Toxic Effects of Chemical Substances
LD50: Lethal dose, 50 percent kill

Other Information : The above information based on accurate data, because this information may be applied under conditions beyond our control, or is modified, and we do not bear any responsibility. This information determines the purpose of the case of proprietary materials and configurations in the recipient.

This Test Report is issued by the Company subject to its Conditions of Issuance of Test Reports printed overleaf and is intended for your exclusive use. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. This test report includes all of the tests requested by you and the results thereof based upon the information that you provided. You have 30 days from date of issuance of this test report to notify us of any error or omission caused by our negligence, provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Statement 声明

The information as listed on the first page of this test report was all provided by the client except the sample from, date received, test period, test results and test conclusion. The client shall be responsible for the representativeness of sample and authenticity of materials, for which EMEK shall bear no responsibilities. 本检测报告首页所列信息中除样品来源、接样日期、检测日期、检测结果和检测结论外,均由委托方提供,委托方对样品的代表性和资料的真实性负责,本实验室不承担任何相关责任。

The underlined test item in the report is out of the scope of CMA accreditation. The test result only used for client's requirement, scientific researching ,teaching or internal quality control.本检测报告中检测项目标注有下划线则该项目不在本实验室资质认定能力范围内,该项目检测结果仅作为客户委托、科研、教学或内部质量控制等目的使用。

The judgment method of determining the conformity in this test report is according to the measured value without considering the risk caused by uncertainty, unless otherwise clearly stipulated in special agreement, standard or specification. The client shall assume the risk caused by the judgment method, and EMTEK shall not bear related responsibilities.本检测报告以实测值进行符合性判定,未考虑不确定度所带来的风险,特别约定、标准或规范中有明确规定的除外。此种判定方式所带来的风险由客户自行承担,本实验室不承担相关责任。

The test report is effective only with both signature and specialized stamp. Without written approval of EMTEK, this report can't be reproduced in full or in part.检测报告无批准人签字及“检验检测专用章”无效,未经 EMTEK 书面同意,不得整体或部分复制本报告。

This test data is only responsible for the tested sample. The data and results provided by the report without CMA accreditation are not to prove to the society, and EMTEK is not responsible for any economic and legal responsibility for the use of the test data, the direct or indirect losses resulting from the use of the test and all legal consequences.本检测报告的检测结果仅对送测样品负责,未加盖资质认定标志的检测报告不对社会具有公证证明作用,对于检测数据、结果的使用,所产生的直接或间接损失及一切法律后果,本实验室不承担任何经济和法律责任。

For other statements, please refer to the footer of the report.其它声明请查阅报告页脚。