



Jiangxi TaiKay New Materials Co.,LTD

MSDS-DK-105 Polymethyl triethoxy silane

一. Chemicals and Company Identity

Product Information: English Name:DK-105 Polymethyl triethoxy silane Product Code: DK-105
Product Usage: Recommended Usage:This product is mainly used in the surface of varied base materials that need waterproof and damp proof,such as walls,cement parts,doors and windows,ceramic tile,marble,artificial stone,sand stone,calcium silicate board,asbestos shingle,ancient architectural antiquities,artware,woods,etc.Then it can appearing waterproof,damp proof,mould proof,pollution proof,avoid salting out,uvioresistant and aging resistance such properties.It can also applied to the waterproof of basement,toilet,kitchen,roof,outside wall.
Company Information: Company Name:Jiangxi Taikay New Materials Co., LTD Address:300 meters on the east of Dongxing North Road,New Material Industrial Park,High-tech Zone,Xinyu City,Jiangxi Province. Tel: 86-0790-6784355 Fax: 86-0790-6784399 E-mail:rd@taikay.cn
Emergency Tel:86-0790-6782828

二. Risk Overview

Danger Signs: Danger in Physics and Chemistry:no relevant information. Health Hazard:no relevant information. Environment Impact: no relevant information. Special Hazard:no.
GHS Risk Categories:Non hazardous substance
Tag Elements: No
Cardinal Symptom:no relevant information.
Emergency Overview: Non hazardous substance or mixture,no harmful materials.

三. Constituent

Form:light red translucent liquid						
Chemical Name:---						
Components Information:						
<table border="1"><thead><tr><th>Chemical Composition</th><th>CAS No.</th><th>Percentage</th></tr></thead><tbody><tr><td>Silicone Oil Containing Hydrogen</td><td>-</td><td>-</td></tr></tbody></table>	Chemical Composition	CAS No.	Percentage	Silicone Oil Containing Hydrogen	-	-
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Hydroxyl Silicone Oil	-	-
Amino-modified Silicone Oil	-	-

四. 急救措施 Emergency Treatment

- Suction : if suck in ,leave spot and move to fresh air places.Seek medical when serious.
- Skin Contact:clean with soap and water conservatively,seek medical care when feel discomfortable.
- Eye Contact:lift the eyelids,wash with running water or normal saline,seek medical when serious.
- Ingestion:rinse with water,seek medical care when necessary.

Acute or Chronic Main Side Effects and Symptoms:no relevant information.

Special Tips for Doctors:suit the remedy to the case.

五. Fire-fighting Measures

Suitable Extinguishant:foam extinguishing agent ,CO2 fire extinguishing agent,powder extinguishing agent.

Special Risk:exposed to combustion products may be harmful to health.

Special Extinguishing Method:adopt suitable fire fighting measures as the contemporary condition and environment.Cool the closed container by spraying water.Remove the container not damaged to safe places and leave the spot.

Special Protective Equipments for Fire Fighters: fire fighters should be equipped with automatic breathing apparatus and use personal protective equipment when needed.

六. Leak Emergency Treatment

Preventive Measures,protective equipment and emergency handling procedures for operating personnel:
Abide by safe disposal suggestion and personal protective equipment suggestion.

Environmental Protection Measures:
prevent pouring into the sewer,drainage system and soil, avoid pouring into aquatic environment. Prevent spread on a large scale by enclosure method,keep and treat the washing water polluted ,you should notify the local administrative department if that doesn't work.

The absorption,elimination method and treatment materials:
Absorb the leakage with inert material,adopt enclosure method or adopt other suitable leak proof measurements to material diffusion for a large scale leakage,you should put the recycled materials into proper containers if can suck the blocked materials and use proper weak acid absorbent to clean the leaked materials.

The Prevention Measures to Prevent a Secondary Hazard.
Avoid again leakage in the process of elimination.

七. Handling and Storage



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Operation:use personal protective equipment as required in good draught environment especially in enclosed areas and decline the contact concentration as possible as you can.Rinse thoroughly after operation.Keep away from the fire sources ,avoid to contact strong oxidizing agent.No eating and smoking in working places.

Storage:This product is inflammable materials,mustn't be close to fire source,should against static electricity.Ship as inflammable materials,should be stored in dry,cool and well ventilated environment at normal temperature.

八. Contact Control and Individual Protection

Engineering Control Method:ensure enough draught and occupational exposure limit.

• Allowable Concentration:
no relevant information

Personal Protective Equipments:

- Respiratory System Protection:automatic breathing apparatus.
- Hand Protection:impermeable gloves
- Eye Protection:chemical safety protective glass
- Skin and Body Protection:rubber apron,flush eyes , body and shoes equipments immediately.

Other Protection:abide by normal preventive measures,change the clothes when polluted and wash hands after work.

九. Physical and Chemical Properties

Light Red Translucent Liquid	Vapor Pressure:no relevant information.
Odor:no stimulating odor	Vapor Density:no relevant information
PH Value:7	Density:no relevant information
Boiling Point:no relevant information	Solubility:insoluble in water,but in methyl alcohol,ethyl alcohol and kerosene.
Boiling Point:no meaning	n-octanol/water partition coefficient:no relevant information
Flash Point:no meaning	Self-ignition Temperature:no relevant information
Explosion Limits:no relevant information	Decomposition Temperature:no relevant information

十. Stability and Reactivity

Stability:stable in normal conditions.

Hazardous Reaction:no relevant information.

The Conditions Should Avoid:heat,fire,acid and alkali.



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Incompatible Substances:avoid contacting acid ,alkali ,naked flame and direct sunlight.

Hazardous Decomposition Product:-.

十一. Toxicological Information

Methyl Alcohol:LD₅₀ 5628mg/kg(rats through mouth),LD₅₀ 14200mg/kg (rabbit through mouth), LD₅₀ 15800mg/kg (rabbit through blood vessel)

Skin Irritation or Corrosion:no relevant information

Eye Irritation or Corrosion:no relevant information

Respiratory or Skin Sensitization:no relevant information

Germ Cell Mutation:no relevant information

Carcinogenicity:no relevant information

Reproductive Toxicity:no relevant information

Specific Target Organ Systemic Toxicity-disposable Contact:no relevant information

Specific Target Organ Systemic Toxicity- repeated Contact:no relevant information

Hazard Inhalation:no relevant information

十二. Ecology Information

Ecotoxicity:no relevant information

Durability and Degradability:no relevant information

Potential Bioaccumulation:no relevant information

Mobility on Soil:no relevant information

十三. Disposal

Disposal Methods:

Disposal Product:non-dangerous product,deal with as relevant local and national disposal requirements.

Polluted Package:advise recycle for spare after cleaning.or dispose as national and local relative disposal regulations.

Note:read the national and local relative disposal regulations before disposal,avoid pollution in the process.

十四. Transportation

UN No.:no relevant information

The United Nations Transport Name:no relevant information

The United Nations Risk Classification:no relevant information

Package Kind:simple package

Marine Pollutant(Yes/No):No

Other Information

Transportation Signs: no relevant information

十五. Regulation Information



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National Regulation Information:

Regulates chemicals from safe usage,storage,transportation,load &unload,sort , label such aspects and so on as follows:

chemical sort,warning label and warning safety codes (GB20576-2006~GB20602-2006)
chemical sort and principles of risks on public (GB 13690-2009) .

十六. Other Information

Revision Note:

This MSDS compiles as GB/T 16483-2008 standard;for nation hasn't issued chemical GHS catalogues,the classification of this MSDS is classified as chemicals,warning signs and note GB20576-2006~GB20602-2006 by ourselves automatically,adjust relatively after national issues chemicals GHS classification catalogue.

Data Resource:

Provided by company

Disclaimer:

This MSDS provides all information fully and truly,but we can't sure its absolute universality and accuracy.This MSDS just provided for those involved personnel acquired professional training as safety prevention data.Individuals assessed to this MSDS,must do independent judgement in special conditions.We will not bear any responsibility caused by using this MSDS in special conditions.

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