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Jiangxi TaiKay New Materials Co.,LTD

MSDS -DK-100 Methane-Siliconic Acid

一. Chemicals and Company Identity

Product Information: English Name:DK-100 Methane-siliconic acid Product Code:DK-100
Product Usage: Recommended Usage:widely used in stone,wood,paper,cement,perlite insulation board,waterproof coating areas,to make weatherproofing or enhance weatherproofing works.Used as waterproof thermal insulation material filling agent mixed with other additives.Used as waterproof materials as highway lag gouache, drilling cementing agent indirectly,etc.
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:prevent dust. Environment Impact: no relevant information. Special Hazard:no.
GHS Risk Categories:Non hazardous substance Tag Elements: No
Cardinal Symptom:no relevant information.
Emergency Overview: prevent dust.



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三. Constituent

Form:white or light yellow particle		
Chemical Name:Silicon Resin		
Components Information:		
Chemical Composition	CAS No:	Percentage
Silicon Resin	-	55%-65%
Moisture Content	-	3%5-45%

四. Emergency Treatment

<ul style="list-style-type: none">• Suction : if suck in ,leave spot and move to fresh air places.• Skin Contact:take off the polluted clothes and wash with running water.• Eye Contact:lift the eyelids,wash with running water or normal saline,seek medical when necessary.• Ingestion:drink enough warm water and do induce vomit ,seek medical care when necessary.
Acute or Chronic Main Side Effects and Symptoms:no relevant information.
Special Tips for Doctors:no relevant information.

五.Fire-fighting Measures

Suitable Extinguishant:foam extinguishing agent ,CO2 fire extinguishing agent,powder extinguishing agent
Special Risk:there is no meaning for the incombustility.
Special Extinguishing Method:-
Special Protective Equipments for Fire Fighters:there is no meaning for the incombustility.

六. Leak Emergency Treatment



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Preventive Measures, protective equipment and emergency handling procedures for operating personnel:

Isolate the leaked and polluted areas, restrict access. Advise emergency handling personnel should wear dust masks and labor suits. Do not contact the leakage directly. Leakage on small scale: prevent dust and sweep it carefully. Gather it by bags and transfer to safe places. Leakage on large scale: gather for recycling or transfer to disposal sites.

Environmental Protection Measures:

prevent leakage into sewer, drainage system or soil. Avoid to discharge to the aquatic environment.

The absorption, elimination method and treatment materials:

Isolate the leaked pollution sources. Leakage on small scale: prevent dust and sweep it carefully. Gather it by bags and transfer to safe sites. Leakage on large scale: gather for recycling or transfer to disposal sites.

The Prevention Measures to Prevent a Secondary Hazard.

Avoid again leakage in the process of elimination.

七. Handling and Storage

Operation: use personal protective equipment as required in well draught environment. avoid to contact strong alkali (such as NaOH and KOH). No eating and smoking in working places.

Storage: transport as non-dangerous goods. Seal and stock in the shade, avoid contact strong alkali.

八. Contact Control and Individual Protection



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Engineering Control Method: manufacturing process in a enclosed area,ensure good ventilation condition.

• Allowable Concentration:

no relevant information

Personal Protective Equipments:

• Respiratory System Protection:advise to wear self-inhalation filter type dust respirator when the dust concentration exceed the standard.You should wear air respirator when emergency rescue and retreat.

• Hand Protection:rubber

• Eye Protection:chemical safety protective glass

•Skin and Body Protection:general protective clothing

Other Protection:abide by general preventive measures,change it when clothes polluted,wash hands after work.

九. Physical and Chemical Properties

Appearance and Character:white or light yellow particle	Vapor Pressure:no relevant information.
Odor:no stimulating odor	Vapor Density:no relevant information
PH Value:2.5-5	Density:0.65 (25℃)
Boiling Point:no meaning	Solubility:insoluble in water,acid but in strong alkali
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 250℃



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Hazardous Reaction:strong alkali (such as NaOH and KOH)

The Conditions Should Avoid:strong alkali.

Incompatible Substances:strong alkali (such as NaOH and KOH)

Hazardous Decomposition Product:CO₂ and H₂O

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



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Disposal Methods:

Disposal Product:non-dangerous product,deal with safe burying method.

Polluted Package:advise to 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: neutro-packing

十五. Regulation Information

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.



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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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