

Safety Data Sheet

1. Identification of the substance/mixture and of the company/undertaking

Product identifier:

Product name: KMEW Siding "Exellage" and trim of same nature
Product code(SDS NO): 201709Exellage-1

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the product: Exterior Siding

Details of the supplier of the safety data sheet

Manufacturer/Supplier: KMEW Co.,Ltd.
Address: 1-2-27 Shiromi Chuo-ku Osaka Japan
Division: Quality Assurance Department
Telephone number: +81-6-6945-8123
FAX: +81-6-6945-8074
Emergency telephone number: +81-6-6945-8123
(Only available during office hours.)

2. Hazards identification

GHS classification and label elements of the product
Classification of the substance or mixture

HEALTH HAZARDS

Germ cell mutagenicity: Category 2
Carcinogenicity: Category 1A
Specific target organ toxicity - repeated exposure: Category 2

(Note) GHS classification without description: Not applicable/Out of classification/Not Classifiable
Label elements



Signal word: Danger

HAZARD STATEMENT

H341 Suspected of causing genetic defects
H350 May cause cancer
H373 May cause damage to organs through prolonged or repeated exposure

PRECAUTIONARY STATEMENT

Prevention: P260
 P280
 Response: P314
 Disposal: P501

Do not breathe dust.
 Use personal protective equipment as required.
 Get medical advice/attention if you feel unwell.
 Dispose of contents/container in accordance with local/national regulation.

3. Composition/information on ingredients
Mixture/Substance selection:
Mixture

| Ingredient name | CAS No. | Content(%) |
|---------------------------|------------|------------|
| Quartz | 14808-60-7 | 4 - 6 |
| Calcium silicate compound | CBI | 66 - 95 |
| Inorganic admixture | CBI | 0 - 25 |
| Organic fiber | CBI | 4 - 6 |
| Organic admixture | CBI | 1 - 3 |

Note : The figures shown above are not the specifications of the product.

4. First-aid measures
Descriptions of first-aid measures

IF INHALED:
 (dust or waste in working process)

Remove person to fresh air and keep comfortable for breathing.
 Call a POISON CENTER or doctor/physician if you feel unwell.

IF ON SKIN (or hair) :
 (dust or waste in working process)

Wash with plenty of soap and water.
 If skin irritation occurs: Get medical advice/attention.

IF IN EYES:
 (dust or waste in working process)

Rinse cautiously with water for several minutes.
 Remove contact lenses, if present and easy to do.
 Continue rinsing.
 If eye irritation persists: Get medical advice/attention.

IF SWALLOWED:
 (dust or waste in working process)

Rinse mouth.
 Call a POISON CENTER or doctor/physician if you feel unwell.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media: Use appropriate extinguishing media suitable for surrounding facilities.

Advice for firefighters

Specific fire-fighting measures: Evacuate non-essential personnel to safe area.

Special protective equipment and precautions for fire-fighters: Wear protective gloves/protective clothing/eye protection/face protection.
Firefighters should wear self-contained breathing apparatus with full face piece operated positive pressure mode.

6. Accidental release measures (If released dust or waste in working process)

Personnel precautions, protective equipment and emergency procedures: Wear proper protective equipment.

Environmental precautions: Do not wash away into shower or waterway.
Avoid raising dust.

Methods and materials for containment and cleaning up: Sweep up, place in a bag and hold for waste disposal.
Fill the disposal into labelled, closable containers.

7. Handling and storage

Precautions for safe handling

Preventive measures:
(Exposure Control for handling personnel) Do not breathe dust.

Safety treatments: Avoid contact with eyes

Safety Measures/Incompatibility: Wear protective gloves and face protection.
Use personal protective equipment as required.

Conditions for safe storage, including any incompatibilities

Recommendation for storage: Keep on a flat place.
Cover with a waterproof sheet.

8. Exposure controls/personal protection

Control parameters

Adopted value: (Quartz)
ACGIH(2009) TWA: 0.025 mg/m³(R)
(Pulmonary fibrosis; lung cancer)

NIOSH-REL: (Quartz)
TWA 0.05 mg/m³

Exposure controls

Appropriate engineering controls: Do not use in areas without adequate ventilation. Washing facilities should be available.

Individual protection measures

Respiratory protection: In case of inadequate ventilation wear respiratory protection.

Hand protection: Wear protective gloves.

Eye protection: Wear safety glasses with side-shields or chemical safety goggle.

Safety and Health measures: Wash hands thoroughly after handling. Gargle before breaks and at the end of work.

9. Physical and Chemical Properties
Information on basic physical and chemical properties
Physical properties

| | |
|---------------------------|-----------------------------|
| Appearance: | Solid (Plate) |
| Color: | Color coating |
| Odor: | None |
| Specific gravity/Density: | 0.9 - 1.3 g/cm ³ |
| Solubility | |
| Solubility in water: | Slightly soluble |
| Other information | |
| Volatility : | Nonvolatile |

10. Stability and Reactivity
Chemical stability

Stable under normal storage/handling conditions.

11. Toxicological Information
Information on toxicological effects

No Acute toxicity data available
 No Irritant properties data available
 No Allergenic and sensitizing effects data available

| | |
|------------------------|---|
| Germ cell mutagenicity | [Company proprietary data] (Quartz) cat.2; SIDS, 2013 |
| Carcinogenicity | (Quartz) IARC-Gr.1 : Carcinogenic to humans (Quartz) ACGIH-A2(2009) : Suspected Human Carcinogen |

No Teratogenic effects data available
 No reproductive toxicity data available

Delayed and immediate effects and also chronic effects from short- and long-term exposure

STOT

STOT-repeated exposure

[cat.1]

[Company proprietary data]

(Quartz) respiratory system; immune system kidney
(SIDS, 2013)

No Aspiration hazard data available

12. Ecological Information

Toxicity

No Aquatic toxicity data available

Water solubility

(Quartz)

none (ICSC, 2010)

No Persistence and degradability data available

No Bioaccumulative potential data available

No Mobility in soil data available

Ozone depleting chemical data not available

13. Disposal considerations

Waste treatment methods

Dispose of contents/container in accordance with local/national regulation.

Dispose to an authorized waste collection point.

14. Transport Information

UN No, UN CLASS

Not applicable to UN NO.

15. Regulatory Information

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

US major regulations

TSCA

Quartz

Other regulatory information

We are not able to check up other regulatory information in regard to the substances in your country or region, therefore we request this matter would be filled by your responsibility.

16. Other information

GHS classification and labelling

| | |
|------------|--|
| Muta. 2: | H341 Suspected of causing genetic defects |
| Carc. 1A: | H350 May cause cancer |
| STOT RE 2: | H373 May cause damage to organs through prolonged or repeated exposure |

The product is not applicable to GHS classifications.

Reference Book

Globally Harmonized System of classification and labelling of chemicals, (5th ed., 2013), UN Recommendations on the TRANSPORT OF DANGEROUS GOODS 19th edit., 2015 UN Classification, labelling and packaging of substances and mixtures (table3-1 ECNO6182012)

2012 EMERGENCY RESPONSE GUIDEBOOK(US DOT)

2017 TLVs and BEIs. (ACGIH)

<http://monographs.iarc.fr/ENG/Classification/index.php>

Supplier's data/information

GESTIS-Stoffdatenbank

HCS/HazCom 2012 (29 CFR 1910.1200)

Pub Chem (OPEN CHEMISTRY DATABASE)

General Disclaimer

The GHS classification data given here is based on EU CLP, 2017 & US HCS, 2012. This information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. It are advised to make their own tests to determinate the safety and suitability of each such product or combination for their own purposes.

But the data are partially changed based on our judgement.