SECTION 1: Identification of the substance/mixture and of the company/undertaking

* 1. Product identifier

Product name: **Kemflex 24**

Product number: MK-TAD-1050

1.2. Floor & Wall Tile Adhesive

**1.3. Comapany Information:**

Company : KEMSET USA INC

Address : 326 N.AVALON BLVD.WILMINTON,CA 90744 -USA

Phone: 1(562)285-2790

Web : www.kemsetusa.com

Mail :info@kemsetusa.com

Emergency telephone: 1(562)285-2790

NATIONAL POISON INFORMATION CENTER 800-222-1222

or visit POISONHELP.ORG

**Bölüm 2. Kimyasal Bileşimi / İçindekiler Hakkında Bilgi**

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture Classification (EC 1272/2008)**

Physical and Chemical Hazards - Not classified. Human health Skin - Irritation.

2 - H315; Eye Dam. 1 - H318; Skin Sens. 1 - H317;STOT SE 3 - H335 Environment

Not classified. Classification (1999/45/EEC) Xi;R37/38, R41. R43.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Human health

When the cement based powder is mixed with water or admixture, a strongly

alkaline paste is produced. Cement based products may, until set, cause both

irritantion and allergic contact dermatitis. Irritrant contact dermatitis is due to a

combination of the wetness, alkalinity and abrasiveness of the constituent

materials. Allergic contact dermatitis is caused mainly by the sensitivity of the

individual's skin to hexavalent chromium salts. Corrosive. Prolonged contact

causes serious eye and tissue damage. Environment -the product is not expected

to be hazardous to the environment.

**2.2. Label elements Contains**

ORDINARY PORTLAND CEMENT Label In Accordance With (EC) No. 1272/2008

Signal Word Danger Hazard Statements H315 Causes skin irritation. H317 May

cause an allergic skin reaction. H318 Causes serious eye damage. H335 May

cause respiratory irritation.

Precautionary Statements

P102 Keep out of reach of children.

P261 Avoid breathing dust.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+351+338

IF IN EYES:

Rinse cautiously with water for several minutes. Remove contact lenses, if

present. Continue rinsing.

P501 Dispose of contents/container in accordance with local regulations.

**2.3. Other hazards**

This product does not contain any PBT or vPvB substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

ORDINARY PORTLAND CEMENT 30-60%

CAS-No.: 65997-15-1 EC No.: 266-043-4

Classification (67/548/EEC) Xi;R37/38,R41. R43.

Classification (EC 1272/2008)

Skin Irritation. 2 - H315 Eye Damage. 1 - H318

Skin Sensetion. 1 - H317 STOT SE 3 - H335

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Composition Comments

This product contains a reducing agent to ensure that the CrVI content of the

cement in the product remains below 2ppm during the defined shelf life of the

product.

**Bölüm 2. Kimyasal Bileşimi / İçindekiler Hakkında Bilgi**

**SECTION 4: FIRST AID MEASURES**

4.1. Description of first aid measures General information Get medical attention

if any discomfort continues. Inhalation: Move the exposed person to fresh air at

once. Rinse nose and mouth with water. Get medical attention if any discomfort

continues.

Ingestion: NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!

Rinse mouththoroughly. Get medical attention immediately! Skin contact Remove affected

person from source of contamination. Remove contaminated clothing. Wash the

skin immediately with soap and water. Get medical attention if irritation persists

after washing. Eye contact Remove victim immediately from source of exposure.

Do not rub eye. Make sure to remove any contact lenses from the eyes before

rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get

medical attention immediately. Continue to rinse.

4.2. Most important symptoms and effects, both acute and delayed Inhalation

Frequent inhalation of dust over a long period of time increases the risk of

developing lung diseases. Ingestion May cause chemical burns in mouth and

throat. Skin contact May cause serious chemical burns to the skin. Eye contact

May cause severe irritation to eyes. May cause blurred vision and serious eye

damage

4.3. Indication of any immediate medical attention and special treatment needed

No recommendation given, but first aid may still be required in case of accidental

exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL

ATTENTION PROMPTLY!

**SECTION 5: FIREFIGHTING MEASURES**

**5.1. Extinguishing media**

Extinguishing media The product is not flammable. Use fire-extinguishing media

appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture Hazardous combustion

products Fire creates: Carbon monoxide (CO). Carbon dioxide (CO2). Unusual Fire

& Explosion Hazards No unusual fire or explosion hazards noted. Specific hazards

In case of fire, toxic gases may be formed (COx, NOx).

5.3. Advice for firefighters Special Fire Fighting Procedures No specific fire fighting

procedure given. Avoid breathing fire vapours. Protective equipment for firefighters

Self contained breathing apparatus and full protective clothing must be

worn in case of fire

**Bölüm 2. Kimyasal Bileşimi / İçindekiler Hakkında Bilgi**

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions Do not discharge into drains, water courses or

onto the ground.

6.3. Methods and material for containment and cleaning up Avoid contact with

skin or inhalation of spillage, dust or vapour. Dampen spillage with water. Absorb

in vermiculite, dry sand or earth and place into containers. Do not contaminate

water sources or sewer. Shovel into dry containers. Cover and move the

containers. Flush the area with water.

6.4. Reference to other sections Wear protective clothing as described in Section

8 of this safety data sheet. See section 11 for more detailed information on

health effects and symptoms. For waste disposal, see section 13.

**SECTION 7: HANDLING AND STORAGE**

7.1. Precautions for safe handling Avoid spilling, skin and eye contact. Provide

good ventilation. Avoid handling which leads to dust formation.

7.2. Conditions for safe storage, including any incompatibilities Store in tightly

closed original container in a dry, cool and well-ventilated place. Keep in original

container.

7.3. Specific end use(s) The identified uses for this product are detailed in Section

1.2.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

8.1. Control parameters Name STD TWA - 8 Hrs STEL - 15 Min Notes ORDINARY

PORTLAND CEMENT WEL 4 mg/m3 WEL = Workplace Exposure Limit. Ingredient

Comments WEL = Workplace Exposure Limits

8.2. Exposure controls Protective equipment Process conditions Provide eyewash

station. Engineering measures Provide adequate ventilation. Observe

Occupational Exposure Limits and minimise the risk of inhalation of vapours.

Respiratory equipment If ventilation is insufficient, suitable respiratory protection

must be provided. Dust mask/respirator. Hand protection Use suitable protective

gloves if risk of skin contact. Eye protection Wear splash-proof eye goggles to

prevent any possibility of eye contact. Other Protection Wear appropriate clothing

to prevent any possibility of skin contact. Hygiene measures

**Bölüm 2. Kimyasal Bileşimi / İçindekiler Hakkında Bilgi**

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and

before eating, smoking and using the toilet. Promptly remove any clothing that

becomes contaminated. When using do not eat, drink or smoke.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

9.1. Information on basic physical and chemical properties Appearance Powder,

dust Colour White / off-white. Odour Odourless. Solubility Slightly soluble in water.

Initial boiling point and boiling range (°C) Not applicable. Melting point (°C) Not

applicable. pH-Value, Conc. Solution pH12-13 after mixing 9.2. Other information

No information required.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity No specific reactivity hazards associated with this product.

10.2. Chemical stability Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions Not determined.

10.4. Conditions to avoid Avoid contact with acids. Water, moisture.

10.5. Incompatible materials Materials To Avoid Acids, oxidising.

10.6. Hazardous decomposition products Fire creates: Carbon monoxide (CO).

Carbon dioxide (CO2).

**SECTION 11: TOXICOLOGICAL INFORMATION**

11.1. Information on toxicological

effects

Acute toxicity: Acute Toxicity (Dermal LD50) > 2000 mg/kg Rabbit Serious eye

damage/irritation: Severe skin irritant; irritation of eyes is assumed. No testing is

needed. Carcinogenicity: This substance has no evidence of carcinogenic

properties. Inhalation May cause irritation to the respiratory system. May cause

damage to mucous membranes in nose, throat, lungs and bronchial system.

Harmful: danger of serious damage to health by prolonged exposure through

inhalation. Ingestion Ingestion may cause severe irritation of the mouth, the

oesophagus and the gastrointestinal tract. Skin contact The product contains a

small amount of sensitising substance which may provoke an allergic reaction

among sensitive individuals after repeated contact. Eye contact Risk of serious

damage to eyes. May cause chemical eye burns. Health Warnings Repeated

exposure in excess of the WEL has been linked with rhinitis and coughing. Skin

exposure has been linked to allergic chromium dermatitis.

Ecotoxicity The product may affect the acidity (pH-factor) in water with risk of

harmful effects to aquatic organisms.

12.1. Toxicity The product is not expected to be hazardous to the environment

(LC50 aquatic toxicity rating not determined). The addition of cement based

product to water will, however, cause the pH to rise and may, therefore, be toxic

to aquatic life in some circumstances.

12.2. Persistence and degradability Not relevant. After hardening, cement

presents no toxicity risks. Degradability There are no data on the degradability of

this product.

12.3. Bioaccumulative potential Bioaccumulative potential Will not bioaccumulate.

12.4. Mobility in soil Mobility: The product is non-volatile. The product is insoluble

in water and will sediment in water systems.

12.5. Results of PBT and vPvB assessment This product does not contain any PBT

or vPvB substances. 12.6. Other adverse effects None known.

**Bölüm 2. Kimyasal Bileşimi / İçindekiler Hakkında Bilgi**

**SECTION 13: DISPOSAL CONSIDERATIONS**

13.1. Waste treatment methods Product that has exceeded defined shelf life

should be treated with a reducing agent or disposed of according to the National

or Devolved Administration legislation. For small spillages, isolate spillage then

harden with water before disposing in accordance with National or Devloved

Administration legislation.

SECTION 14: TRANSPORT INFORMATION

General The product is not covered by international regulation on the transport of

dangerous goods (IMDG, IATA, ADR/RID).

Road Transport Notes Not Classified

Rail Transport Notes Not classified.

Sea Transport Notes Not classified.

Air Transport Notes Not classified.

14.1. UN number Not applicable.

14.2. UN proper shipping name Not applicable.

14.3. Transport hazard class(es) Not applicable. Transport Labels No transport

warning sign required

14.4. Packing group Not applicable.

14.5. Environmental hazards Environmentally Hazardous Substance/Marine

Pollutant No.

14.6. Special precautions for user Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

**SECTION 15: REGULATORY INFORMATION**

15.1. Safety, health and environmental regulations/legislation specific for the

substance or mixture Uk Regulatory References The Control of Substances

Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

Statutory Instruments The Chemicals (Hazard Information and Packaging for

Supply) Regulations 2009 (S.I 2009 No. 716). Approved Code Of Practice Safety

Data Sheets for Substances and Preparations. Classification and Labelling of

Substances and Preparations Dangerous for Supply. Guidance Notes Workplace

Exposure Limits EH40. CHIP for everyone HSG(108).

15.2. Chemical Safety Assessment No chemical safety assessment has been

carried out

**SECTION 16: Other information**

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Hazard statements in full

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H331 Toxic if inhaled.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

**Bölüm 2. Kimyasal Bileşimi / İçindekiler Hakkında Bilgi**

**Part 18. Quality Certificates of the Company**

**Bölüm 2. Kimyasal Bileşimi / İçindekiler Hakkında Bilgi**





