

MATERIAL SAFETY DATA SHEET

物質安全保健資料

- Made in 2012 year by KM Corp. in Korea
- Item : KM Sticky mat & Sticky roller for Cleanroom Usage

KM CORPORATION

SECTION 1	CHEMICAL PRODUCT AND COMPANY IDENTIFICATION
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KM CORP.
348-1, BOCHE, MIYANG, ANSEONG,
GYEONGKGI, KOREA
EMERGENCY CONTACT
TEL : +82-31-678-8871~9
FAX : +82-31-678-8888

CHEMICAL FAMILY : ethane/Acrylic

TRADE NAME
STICKY MATS
STICKY ROLLER

CREATION DATE : 2001. 03.
REVISION DATE : 2012. 10. 16

SECTION 2	COMPOSITION, INFORMATION ON INGREDIENTS
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COMPONENT : 2-ETHYL HEXYL ACRYLATE MONOMER

PERCENTAGE : 24%

CAS NO. : 103-11-7

CERCLA RATINGS(SCALE 0-3) : HEALTH=2, FIRE=2, REACTIVITY=2, CONTINUANCE=0

NEPA RATINGS(SCALE 0-4) : HEALTH=2, FIRE=2, REACTIVITY=2

COMPONENT : VINYL ACRYLATE MONOMER

PERCENTAGE : 4%

CAS NO.: 108-05-4

CERCLA RATINGS(SCALE 0-3) : HEALTH=2, FIRE=3, REACTIVITY=2, CONTINUANCE=0

NEPA RATINGS(SCALE 0-4) : HEALTH=2, FIRE=3, REACTIVITY=2

COMPONENT : BUTYL ACRYLATE MONOMER

PERCENTAGE : 10%

CAS NO.: 141-32-2

CERCLA RATINGS(SCALE 0-3) : HEALTH=2, FIRE=3, REACTIVITY=2, CONTINUANCE=0

NEPA RATINGS(SCALE 0-4) : HEALTH=2, FIRE=3, REACTIVITY=2

COMPONENT : ETHYL ACETATE

PERCENTAGE : 36%

CAS NO.: 141-78-6

CERCLA RATINGS(0-3) : HEALTH=3, FIRE=3, REACTIVITY=0, CONTINUANCE=0

NEPA RATINGS(0-4) : HEALTH=1, FIRE=3, REACTIVITY=3

COMPONENT : N-HEXANE

PERCENTAGE : 4%

CAS NO : 110-54-3

CERCLA RATINGS(0-3) : HEALTH=3, FIRE=3, REACTIVITY=0, CONTINUANCE=1

NEPA RATINGS(0-4) : HEALTH=1, FIRE=3, REACTIVITY=0

COMPONENT : TOLUENE

PERCENTAGE : 20%

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CAS NO : 108-88-3

CERCLA RATINGS(0-3) : HEALTH=3, FIRE=3, REACTIVITY=0, CONTINUANCE=1

NEPA RATINGS(0-4) : HEALTH=2, FIRE=3, REACTIVITY=0

COMPONENT : RESIN

PERCENTAGE : 2%

CAS NO : A BUSINESS SECRET

SECTION 3 HAZARD IDENTIFICATION

CONDITIONS OR MATERIALS TO AVOID : Do not Breathe in stream or mist

Let fresh air in during working

EYE CONTACT : Irritation

INDRAFT : Dizziness, Headache, Vomiting, Faint

INGESTION : Vomiting, Stomachache

POTENTIAL HEALTH EFFECTS : No information is available

SECTION 4 FIRST AID PROCEDURES

EYE CONTACT : Flush eyes with plenty of water for at least 15minutes

SKIN CONTACT : Wash skin with soap and water for at least 15minutes while removing contaminated clothing and shoes

INDRAFT : Breathe fresh air and keep warm and comfortable. Get medical attention immediately.

INGESTION : Get medical attention immediately

ATTENTION FOR DOCTOR : Take proper measures upon symptoms

SECTION 5 FIRE FIGHTING MEASURES

FLESH POINT : 4°C

LOWER FLAMMABLE LIMIT : No applicable data

UPPER FLAMMABLE LIMIT : No applicable data

EXTINGUISHING MEDIA : Regular dry chemical, Carbon dioxide, Water

PROHIBITED MEDIA : A small dose of water

SECTION 6 FIRE FIGHTING

Move exposed material from fire area if it can be done without risk

Keep unnecessary people away, isolate hazard area and deny entry

Avoid inhalation of material or combustion by products

SECTION 7 HANDLING AND STORAGE

Keep ventilated place

Routine warehouse condition

SECTION 8 EXPOSURE CONTROLS

EXPOSURE LIMITS

INDUSTRIAL SAFETY HEALTH LAW

TWA : 400ppm(1440mg/m³)

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OSAH

TWA : 400ppm(1440mg/m²)

AGGIH

TWA : 400ppm(1440mg/m²)

NIOSH

TWA : 400ppm(1440mg/m²)

DFG MAK

TWA : 400ppm(1440mg/m²)

5minutues peak, momentary value, 8times cycle : 880ppm(2880mg/m²)

VENTILATION : Provide local exhaust or process enclosure vetilation system. Ventilation equipment should be explosion-resistant if explosive concentrations of material are present. Ensure compliance with applicable exposure limits

BODY PROTECTION

Wear splash resistant safety goggles.

Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

Wear appropriate chemical resistant clothing and gloves.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES
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MOLECULAR WEIGHT : Not available

MOLECULAR FORMULA : Not available

BOILING POINT : Not available

FREEZING POINT : Not available

VAPOR PRESSURE : 73mmHg@20°C

VAPOR DENSITY : 3.0

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