



SAFETY DATA SHEET

according to WHMIS 2015 and ANSI Z400.1-2010

Revision date: 2/Jan/2017

Version: 3

Language: en-CA,US

Date of print: 10/Jan/2017

GMK 2410, Rubber-Metal-Adhesive

Material number 161000

Page: 1 of 13

1. Product and company identification

Product identifier

Trade name: GMK 2410, Rubber-Metal-Adhesive

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

General use: One-component adhesive and sealing agent, permanently elastic.
Reserved for industrial and professional use.
This product is not to be used under conditions of poor ventilation.

Details of the supplier of the safety data sheet

Company name: WEICON Inc.
Street/POB-No.: 20 Steckle Place, Unit 20
Postal Code, city: Kitchener, Ontario N2E 2C3, CA
WWW: www.weicon.ca
E-mail: info@weicon.ca
Telephone: +1-519-896-5252
Telefax: +1-519-896-5254
Dept. responsible for information:
Product-Safety-Department
Telephone: +49(0)251 / 9322 - 0, Email: msds@weicon.de

Emergency phone number

EMERGENCY CONTACT – Canada (24h): Tel: ++1 866 928 0789 (Toll free)

Transport:

TRANSPORT EMERGENCY CONTACT - Canada (24h): Tel: ++1 866 928 0789 (Toll free)

2. Hazards identification

Emergency overview

Appearance: Physical state at 20 °C and 101.3 kPa: liquid
Form: viscous
Color: varying
Odor: characteristic
Classification: Flammable Liquid 2; Skin Irritation 2; Eye Irritation 2A; Sensitization - skin 1;
Reproductive toxicity 2; Specific Target Organ Toxicity (Single Exposure) 3;
Aquatic toxicity - acute 1; Aquatic toxicity - chronic 1;

Hazard symbols:



Signal word:

Danger

Hazard statements: Highly flammable liquid and vapor.
Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye irritation.
May cause drowsiness or dizziness.
Suspected of damaging fertility.
Very toxic to aquatic life with long lasting effects.



SAFETY DATA SHEET

according to WHMIS 2015 and ANSI Z400.1-2010

Revision date: 2/Jan/2017

Version: 3

Language: en-CA,US

Date of print: 10/Jan/2017

GMK 2410, Rubber-Metal-Adhesive

Material number 161000

Page: 2 of 13

Precautionary statements: Keep out of reach of children.
Obtain special instructions before use.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Wash hands and face thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Contaminated work clothing should not be allowed out of the workplace.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection.
IF ON SKIN: Wash with plenty of water/soap.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/or shower.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF exposed or concerned: Get medical advice/attention.
Call a POISON CENTER/doctor if you feel unwell.
Specific treatment (see ' First aid ' on this label).
If skin irritation or rash occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
In case of fire: Use water spray, dry powder, foam or carbon dioxide for extinction.
Collect spillage.
Store in a well-ventilated place. Keep container tightly closed.
Store in a well-ventilated place. Keep cool.
Store locked up.
Dispose of contents/container to hazardous or special waste collection point.

Regulatory status

This material is considered hazardous by the U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200) and SIMDUT in Canada.

Hazards not otherwise classified

Potentially explosive mixtures may form if adequate ventilation is not provided.
Inhaling can lead to irritations of the respiratory tract and mucous membrane.
Higher doses may have a narcotic effect.
Further hazardous properties cannot be excluded.
see section 11: Toxicological information



SAFETY DATA SHEET

according to WHMIS 2015 and ANSI Z400.1-2010

Revision date: 2/Jan/2017

Version: 3

Language: en-CA,US

Date of print: 10/Jan/2017

GMK 2410, Rubber-Metal-Adhesive

Material number 161000

Page:

3 of 13

3. Composition / Information on ingredients

Relevant ingredients:

CAS No.	Designation	Content	Classification
CAS 110-82-7	Cyclohexane	< 40 %	Flammable Liquid 2. Skin Irritation 2. Specific Target Organ Toxicity (Single Exposure) 3. Aspiration Toxicity 1. Aquatic toxicity - acute 1. Aquatic toxicity - chronic 1.
CAS 141-78-6	Ethyl acetate	< 40 %	Flammable Liquid 2. Eye Irritation 2A. Specific Target Organ Toxicity (Single Exposure) 3.
CAS 1330-20-7	Xylene (isomeric mixture)	< 0.2 %	Flammable Liquid 3. Acute Toxicity 4 (dermal). Acute Toxicity 4 (inhalative). Skin Irritation 2.
CAS 8050-09-7	Colophony	< 1 %	Sensitization - skin 1.
CAS 1314-13-2	Zinc oxide	< 1 %	Aquatic toxicity - acute 1. Aquatic toxicity - chronic 1.
CAS 98-54-4	4-tert-Butylphenol	< 0.3 %	Skin Irritation 2. Eye Damage 1. Reproductive toxicity 2. Aquatic toxicity - chronic 2.
CAS 128-37-0	3,5-Di-tert-butyl-4-hydroxytoluene	< 0.3 %	Aquatic toxicity - acute 1. Aquatic toxicity - chronic 1.

4. First aid measures

General information:	Take off immediately all contaminated clothing and wash it before reuse.
In case of inhalation:	Move victim to fresh air, put at rest and loosen restrictive clothing. Seek medical aid in case of troubles.
Following skin contact:	Immediately clean with water and soap followed by thorough rinsing. Consult a doctor if skin irritation persists.
After eye contact:	Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Keep eye wide open. Remove contact lenses, if present and easy to do. Continue rinsing. Do not attempt to pull apart bonded eyelid. Subsequently consult an ophthalmologist.
After swallowing:	Rinse mouth with water. Never give anything by mouth to an unconscious person. Do not induce vomiting. Immediately get medical attention.

Most important symptoms and effects, both acute and delayed

May cause drowsiness or dizziness. Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. headache. Gastric and intestinal problems

Information to physician

Treat symptomatically.

5. Fire fighting measures

Flash point/flash point range:

-11 °C

Auto-ignition temperature: not determined

Suitable extinguishing media:

Water fog, alcohol resistant foam, extinguishing powder, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

Full water jet



SAFETY DATA SHEET

according to WHMIS 2015 and ANSI Z400.1-2010

Revision date: 2/Jan/2017

Version: 3

Language: en-CA,US

Date of print: 10/Jan/2017

GMK 2410, Rubber-Metal-Adhesive

Material number 161000

Page:

4 of 13

Specific hazards arising from the chemical

Highly flammable liquid and vapor.

May form dangerous gases and vapours in case of fire.

In case of fire may be liberated: Carbon black, Metal oxide smoke, carbon monoxide and carbon dioxide.

Air combined with vapors may form potentially explosive mixtures that are heavier than air. Vapor may travel great distances and cause fire and backflashes.

Protective equipment and precautions for firefighters:

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information:

You have to dispose of contaminated extinguishing water according to the regulations of the authorities.

6. Accidental release measures

Personal precautions:

Provide adequate ventilation. Wear appropriate protective equipment. Avoid contact with skin, eyes, and clothing.

Do not breathe vapors/dust/ aerosols. Eliminate all ignition sources if safe to do so.

Keep unprotected people away. Take off immediately all contaminated clothing and wash it before reuse.

Cordon off downwind area at risk and warn inhabitants.

This product is not to be used under conditions of poor ventilation.

Environmental precautions:

Do not allow to enter into ground-water, surface water or drains. Danger of explosion!

In case of release, notify competent authorities.

Methods for clean-up:

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13).

Beware of reignition. Thoroughly clean surrounding area.

In case of greater quantities: Collect mechanically (use only explosion-proof equipment when pumping out).

Additional information:

Use explosion-proof equipment and non-sparking tools/utensils.

7. Handling and storage

Handling

Advices on safe handling:

Provide adequate ventilation, and local exhaust as needed.

Wear appropriate protective equipment. Do not breathe vapors/dust/ aerosols.

Avoid contact with skin, eyes, and clothing.

Keep unprotected people away.

Take off immediately all contaminated clothing and wash it before reuse.

This product is not to be used under conditions of poor ventilation.

Precautions against fire and explosion:

Keep away from sources of ignition - No smoking.

Storage

Requirements for storerooms and containers:

Keep container tightly closed in a cool, well-ventilated place.

Protect from moisture contamination. Protect from frost, heat and sunlight.

Storage temperature: < 30 °C.

Store only in original container.



SAFETY DATA SHEET

according to WHMIS 2015 and ANSI Z400.1-2010

Revision date: 2/Jan/2017
Version: 3
Language: en-CA,US
Date of print: 10/Jan/2017

GMK 2410, Rubber-Metal-Adhesive

Material number 161000

Page: 5 of 13

Hints on joint storage: Do not store together with acids and strong oxidation agents.
Keep away from food, drink and animal feedingstuffs.
Do not store together with combustible or self-igniting materials or any highly flammable solids.

Further details: Do not allow the product to enter the ground.

8. Exposure controls / personal protection

Exposure guidelines

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
110-82-7	Cyclohexane	Canada, Alberta: OEL 8 hour	344 mg/m ³ ; 100 ppm
		Canada, BC: OEL TWA	100 ppm
		Canada, Québec: VEMP	1030 mg/m ³ ; 300 ppm
		USA: ACGIH: TWA	344 mg/m ³ ; 100 ppm
		USA: NIOSH: TWA	1050 mg/m ³ ; 300 ppm
		USA: OSHA: TWA	1050 mg/m ³ ; 300 ppm
141-78-6	Ethyl acetate	Canada, Alberta: OEL 8 hour	1440 mg/m ³ ; 400 ppm
		Canada, BC: OEL TWA	150 ppm
		Canada, Québec: VEMP	1440 mg/m ³ ; 400 ppm
		USA: ACGIH: TWA	1440 mg/m ³ ; 400 ppm
		USA: NIOSH: TWA	1400 mg/m ³ ; 400 ppm
		USA: OSHA: TWA	1400 mg/m ³ ; 400 ppm
1330-20-7	Xylene (isomeric mixture)	Canada, BC: OEL STEL	150 ppm
		Canada, BC: OEL TWA	100 ppm
		USA: OSHA: TWA	435 mg/m ³ ; 100 ppm
8050-09-7	Colophony	Canada, Québec: VEMP	0.1 mg/m ³
1314-13-2	Zinc oxide	Canada, Alberta: OEL 15 min	10 mg/m ³
		Canada, Alberta: OEL 8 hour	2 mg/m ³
		Canada, BC: OEL STEL	10 mg/m ³
		Canada, BC: OEL TWA	2 mg/m ³
		Canada, Québec: VECD	10 mg/m ³ Smoke
		Canada, Québec: VEMP	10 mg/m ³
		Canada, Québec: VEMP	Dusts, inhalable fraction
		NIOSH: Ceiling	5 mg/m ³ Smoke
		USA: ACGIH: STEL	15 mg/m ³ Dusts
		USA: ACGIH: TWA	10 mg/m ³ (respirable fraction)
		USA: NIOSH: STEL	2 mg/m ³ (respirable fraction)
		USA: NIOSH: TWA	10 mg/m ³ Smoke
		USA: NIOSH: TWA	5 mg/m ³ Dusts
USA: NIOSH: TWA	5 mg/m ³ Smoke		
USA: OSHA: TWA	15 mg/m ³ inhalable fraction		
USA: OSHA: TWA	5 mg/m ³ (respirable fraction)		
128-37-0	3,5-Di-tert-butyl-4-hydroxytoluene	Canada, Alberta: OEL 8 hour	10 mg/m ³
		Canada, BC: OEL TWA	2 mg/m ³
		Canada, Québec: VEMP	inhalable fraction and vapor
		USA: ACGIH: TWA	10 mg/m ³
		USA: ACGIH: TWA	2 mg/m ³
		USA: NIOSH: TWA	inhalable fraction and vapor
USA: NIOSH: TWA	10 mg/m ³		



SAFETY DATA SHEET

according to WHMIS 2015 and ANSI Z400.1-2010

Revision date: 2/Jan/2017

Version: 3

Language: en-CA,US

Date of print: 10/Jan/2017

GMK 2410, Rubber-Metal-Adhesive

Material number 161000

Page:

6 of 13

Biological limit values:

CAS No.	Designation	Type	Limit value	Parameter	Sampling
1330-20-7	Xylene (isomeric mixture)	USA: ACGIH-BEI, urine	1.5 g/g creatinine	Methylhippuric acids	end of exposure or end of shift

Engineering controls

Provide for good ventilation or exhaust system or work with completely self-contained equipment. This product is not to be used under conditions of poor ventilation.

See also information in chapter 7, section storage.

Personal protection equipment (PPE)

Eye/face protection: Tightly sealed goggles according to OSHA Standard - 29 CFR: 1910.133 or ANSI Z87.1-2010.

Skin protection: Wear suitable protective clothing.

Protective gloves according to OSHA Standard - 29 CFR: 1910.138.

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Respiratory protection: Respiratory protection must be worn whenever the TLV (WEL) levels have been exceeded.

The filter class must be suitable for the maximum contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product.

General hygiene considerations:

Take off immediately all contaminated clothing and wash it before reuse. Avoid contact with the substance.

Wash hands before breaks and after work.

When using do not eat, drink or smoke.

Work place should be equipped with a shower and an eye rinsing apparatus.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance:	Physical state at 20 °C and 101.3 kPa: liquid Form: viscous Color: varying
Odor:	characteristic
Odor threshold:	not determined
pH value:	not determined
Melting point/freezing point:	not applicable
Initial boiling point and boiling range:	77 - 82 °C
Flash point/flash point range:	-11 °C
Evaporation rate:	No data available
Flammability:	No data available
Explosion limits:	LEL (Lower Explosion Limit): 1.00 Vol-% UEL (Upper Explosive Limit): 12.80 Vol-%
Vapor pressure:	at 20 °C: 104 hPa
Vapor density:	No data available
Density:	at 20 °C: 0.94 g/mL
Water solubility:	insoluble
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	not determined
Thermal decomposition:	No data available



SAFETY DATA SHEET

according to WHMIS 2015 and ANSI Z400.1-2010

Revision date: 2/Jan/2017

Version: 3

Language: en-CA,US

Date of print: 10/Jan/2017

GMK 2410, Rubber-Metal-Adhesive

Material number 161000

Page: 7 of 13

Viscosity, dynamic:	approx. 2300 mPa*s
Explosive properties:	Product is not explosive. Vapors may form explosive mixtures with air.
Ignition temperature:	not determined
Solid content:	approx. 32 %

10. Stability and reactivity

Reactivity:	Highly flammable liquid and vapor. Vapors may form explosive mixtures with air.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions	Heating will lead to pressure increase: Danger of bursting and explosion. Reactions with strong oxidizing agents.
Conditions to avoid:	Keep away from sources of ignition - No smoking. Keep away from heat sources, sparks and open flames.
Incompatible materials:	Do not store together with acids and strong oxidation agents. Do not store together with combustible or self-igniting materials or any highly flammable solids.
Hazardous decomposition products:	May form dangerous gases and vapours in case of fire. In case of fire may be liberated: Carbon black, Metal oxide smoke, carbon monoxide and carbon dioxide.
Thermal decomposition:	No data available

11. Toxicological information

Toxicological tests

Toxicological effects:	The statements are derived from the properties of the single components. No toxicological data is available for the product as such. Acute toxicity (oral): Lack of data. Acute toxicity (dermal): Lack of data. Acute toxicity (inhalative): Lack of data. Skin corrosion/irritation: Skin Irritation 2 = Causes skin irritation. Eye damage/irritation: Eye Irritation 2A = Causes serious eye irritation. Sensitisation to the respiratory tract: Lack of data. Skin sensitisation: Sensitization - skin 1 = May cause an allergic skin reaction. Germ cell mutagenicity/Genotoxicity: Lack of data. Carcinogenicity: Lack of data. Reproductive toxicity: Reproductive toxicity 2 = Suspected of damaging fertility. Effects on or via lactation: Lack of data. Specific target organ toxicity (single exposure): Specific Target Organ Toxicity (Single Exposure) 3 = May cause drowsiness or dizziness. Specific target organ toxicity (repeated exposure): Lack of data. Aspiration hazard: Lack of data.
------------------------	--

GMK 2410, Rubber-Metal-Adhesive

Material number 161000

Page:

8 of 13

Other information:

Information about Cyclohexane:

LD50 Rat, oral: > 5000 mg/kg/8h (OECD 401)

LD50, Rabbit, dermal: > 2000 mg/L/24h (OECD 402)

LC50, Rat, inhalative: > 32,88 mg/L/8h (OECD 403)

Information about Ethyl acetate:

LD50 Rat, oral: 5620 mg/kg/8h (OECD 401)

LD50, Rabbit, dermal: 18000 mg/L/24h (OECD 402)

LC 0, Rat, inhalative: > 22,5 mg/L/8h (58 FR 40262)

Further hazardous properties cannot be excluded.

For carcinogenic effects:

Information about Xylene (isomeric mixture):

IARC Rating: Group 3

OSHA Carcinogen: not listed

NTP Rating: not listed

Information about 4-tert-Butylphenol:

IARC Rating: Group 3

OSHA Carcinogen: not listed

NTP Rating: not listed

Symptoms

Inhaling can lead to irritations of the respiratory tract and mucous membrane.

12. Ecological information**Ecotoxicity**

Aquatic toxicity:

Very toxic to aquatic life with long lasting effects.

Information about Cyclohexane:

Algae toxicity, *Pseudokirchneriella subcapitata* (green algae):

EC50: 4,4 mg/L/72h (OECD 201).

Acute Daphnia toxicity:

EC50 *Daphnia magna* (Big water flea): 0,9 mg/L/48h (OECD 202).

Acute (short-term) fish toxicity:

LC50 *Pimephales promelas* (fathead minnow): 4,53 mg/L/96h (OECD 203).

Information about Ethyl acetate:

Toxic effect on fishes and plankton. Reacts with water.

Algae toxicity:

EC50 *Desmodesmus subspicatus* (green algae): 3300 mg/L/48h (IUCLID).

Bacteria toxicity:

EC10 *Pseudomonas putida*: 2900 mg/L/16h (IUCLID).

Daphnia toxicity:

EC50 *Daphnia magna* (Big water flea): 717 mg/L/48h (DIN 38412).

Fish toxicity:

LC50 *Pimephales promelas* (fathead minnow): 230 mg/L/96h (IUCLID).

Further details:

Information about Cyclohexane:

Biodegradation: 77% / 28 d (OECD 301 F)

Product is readily biodegradable.

Information about Ethyl acetate:

Biodegradation: 100% / 28 d (OECD 301 D)

Product is readily biodegradable.

Mobility in soil

No data available



SAFETY DATA SHEET

according to WHMIS 2015 and ANSI Z400.1-2010

Revision date: 2/Jan/2017

Version: 3

Language: en-CA,US

Date of print: 10/Jan/2017

GMK 2410, Rubber-Metal-Adhesive

Material number 161000

Page: 9 of 13

Persistence and degradability

Further details: No data available

Additional ecological information

Volatile organic compounds (VOC):

approx. 68 % by weight = 639.2 g/L

General information: Do not allow to enter into ground-water, surface water or drains.

13. Disposal considerations

Product

Recommendation: Dispose of waste according to applicable legislation.

Contaminated packaging

Recommendation: Dispose of waste according to applicable legislation.
Non-contaminated packages may be recycled.
Handle empty containers with care. Incineration may cause explosion.

14. Transport information

USA: Department of Transportation (DOT)

Identification number: UN1133
Proper shipping name: UN 1133, adhesives
Hazard class or Division: 3
Packing Group: II
Labels: 3
Special provisions: 149, B52, IB2, T4, TP1, TP8
Packaging – Exceptions: 150
Packaging – Non-bulk: 173
Packaging – Bulk: 242
Quantity limitations – Passenger aircraft / rail: 5 L
Quantity limitations – Cargo only: 60 L
Vessel stowage – Location: B
Vessel stowage – Other:



Canada: Transportation of Dangerous Goods (TDG)

UN Number: UN1133
Shipping name: UN 1133, adhesives
TDG class: 3
Packing group: II
Explosive limit and limited quantity index: 5L
Passenger carrying road or rail index: 5L



SAFETY DATA SHEET

according to WHMIS 2015 and ANSI Z400.1-2010

Revision date: 2/Jan/2017

Version: 3

Language: en-CA,US

Date of print: 10/Jan/2017

GMK 2410, Rubber-Metal-Adhesive

Material number 161000

Page: 10 of 13

Sea transport (IMDG)

UN number: UN 1133
Proper shipping name: UN 1133, Adhesives
Class or division, Subsidiary risk: Class 3, Subrisk-
Packing Group: II
EmS: F-E, S-D
Special provisions: -
Limited quantities: 5 L
Excepted quantities: E2
Contaminated packaging - Instructions: P001
Contaminated packaging - Provisions: PP1
IBC - Instructions: IBC02
IBC - Provisions: -
Tank instructions - IMO: -
Tank instructions - UN: T4
Tank instructions - Provisions: TP1, TP8
Stowage and handling: Category B.
Properties and observations: Adhesives are solutions of gums, resins, etc., usually volatile due to the solvents. Miscibility with water depends upon their composition.
Marine pollutant: yes
Segregation group: none

Air transport (IATA)

UN/ID number: UN 1133
Proper shipping name: UN 1133, Adhesives
Class or division, Subsidiary risk: Class 3
Packing Group: II
Hazard label: Flamm. liquid
Excepted Quantity Code: E2
Passenger and Cargo Aircraft: Ltd.Qty.: Pack.Instr. Y341 - Max. Net Qty/Pkg. 1 L
Passenger and Cargo Aircraft: Pack.Instr. 353 - Max. Net Qty/Pkg. 5 L
Cargo Aircraft only: Pack.Instr. 364 - Max. Net Qty/Pkg. 60 L
Special provisions: A3
Emergency Response Guide-Code (ERG): 3L

15. Regulatory information

National regulations - Canada

No data available



SAFETY DATA SHEET

according to WHMIS 2015 and ANSI Z400.1-2010

GMK 2410, Rubber-Metal-Adhesive

Material number 161000

Revision date: 2/Jan/2017

Version: 3

Language: en-CA,US

Date of print: 10/Jan/2017

Page: 11 of 13

National regulations - U.S. Federal Regulations

Cyclohexane:	TSCA Inventory: listed TSCA HPVC: not listed Clean Air Act: SOCMI Chemical: yes Clean Water Act: Hazardous Substances: RQ 1000 lbs. Other Environmental Laws: CERCLA: RQ 1000 lbs. RCRA Hazardous Wastes: Code U056 SARA Title III Section 313, Toxic Release: Conc. 1.0% / Threshold Standard NIOSH Recommendations: Occupational Health Guideline: 0163
Ethyl acetate:	TSCA Inventory: listed; EPA flags T TSCA HPVC: not listed Other Environmental Laws: CERCLA: RQ 5000 lbs. RCRA Hazardous Wastes: Code U112 NIOSH Recommendations: Occupational Health Guideline: 0260
Xylene (isomeric mixture):	TSCA Inventory: listed TSCA HPVC: not listed Carcinogen Status: IARC Rating: Group 3 OSHA Carcinogen: not listed NTP Rating: not listed Clean Air Act: Hazardous Air Pollutants: Code XOY SOCMI Chemical: yes Clean Water Act: Hazardous Substances: RQ 100 lbs. Other Environmental Laws: CERCLA: RQ 100 lbs. RCRA Hazardous Wastes: Code U239 RCRA Groundwater Monitoring: Methods 8020, 8240 / PQL 5, 5 SARA Title III Section 313, Toxic Release: Conc. 1.0% / Threshold Standard
Colophony:	TSCA Inventory: listed; UVCB TSCA HPVC: not listed
Zinc oxide:	TSCA Inventory: listed TSCA HPVC: not listed NIOSH Recommendations: Occupational Health Guideline: 0675*
4-tert-Butylphenol:	TSCA Inventory: listed TSCA HPVC: not listed
3,5-Di-tert-butyl-4-hydroxytoluene:	TSCA Inventory: listed TSCA HPVC: not listed Carcinogen Status: IARC Rating: Group 3 OSHA Carcinogen: not listed NTP Rating: not listed NIOSH Recommendations: Occupational Health Guideline: 0246



SAFETY DATA SHEET

according to WHMIS 2015 and ANSI Z400.1-2010

Revision date: 2/Jan/2017

Version: 3

Language: en-CA,US

Date of print: 10/Jan/2017

GMK 2410, Rubber-Metal-Adhesive

Material number 161000

Page: 12 of 13

National regulations - U.S. State Regulations

Cyclohexane:	California Proposition 65 code: - Delaware Air Quality Management List: DRQ: 1000 - RQ State: Federal Regulations Apply Idaho Air Pollutant List: Title 585: AAC: 52,5 - EL: 70 - OEL: 1050 - Title 586: - Maine Hazardous Air Pollutants: Me 2005: HAP - Hap Rpt: 20000 Massachusetts Haz. Substance codes: 2,4,5,6 F8 F9 Minnesota Haz. Substance: Codes: AO - Ratings: 7.94 - Status: Title III. TRI. New Jersey RTK Hazardous Substance: DOT: 1145 - Sub No.: 0565 - TPQ: - New York List of Hazardous Substances: RQ-Air: 1000 - RQ-Land: 1 - Note: No Note Associated with this chemical. Pennsylvania Haz. Substance code: E Washington Air Contaminant: TWA: 300 ppm - 1050 mg
Ethyl acetate:	Delaware Air Quality Management List: DRQ: 5000 - RQ State: Federal Regulations Apply Idaho Air Pollutant List: Title 585: AAC: 70 - EL: 93,3 - OEL: 1400 - Title 586: - Maine Hazardous Air Pollutants: Me 2005: HAP - Hap Rpt: 20000 Massachusetts Haz. Substance codes: 2,4,5,6 F8 Minnesota Haz. Substance: Codes: AO - Ratings: 6.83 - Status: Title III. New York List of Hazardous Substances: RQ-Air: 5000 - RQ-Land: 1 - Note: No Note Associated with this chemical. Pennsylvania Haz. Substance code: E Washington Air Contaminant: TWA: 400 ppm - 1400 mg
Xylene (isomeric mixture):	Delaware Air Quality Management List: DRQ: 100 - RQ State: Federal Regulations Apply Idaho Air Pollutant List: Title 585 -- Title 586 -- Maine Hazardous Air Pollutants: Me 2005: HAP - Hap Rpt: 2000 Massachusetts Haz. Substance codes: 2,4 F8 F9 Michigan Critical Material: Note: - CMR: 44 - Parameter: 01330-20-7 - Annual Usage Parameter: 100 Minnesota Haz. Substance: Codes: ANO - Ratings: 8.77 - Status: Air Pollutant. Title III. TRI. New Jersey RTK Hazardous Substance: DOT: 1307 - Sub No.: 2014 - TPQ: - New York List of Hazardous Substances: RQ -- Air: 1000 - RQ -- Land: 1 - Note: No Note Associated with this chemical. Pennsylvania Haz. Substance code: E Washington Air Contaminant: TWA: 100 ppm / 435 mg - STEL: 150 ppm / 655 mg



SAFETY DATA SHEET

according to WHMIS 2015 and ANSI Z400.1-2010

Revision date: 2/Jan/2017

Version: 3

Language: en-CA,US

Date of print: 10/Jan/2017

GMK 2410, Rubber-Metal-Adhesive

Material number 161000

Page: 13 of 13

16. Other information

Uses advised against

This product is not to be used for carpet laying.

Text for labeling:

Contains < 40 % Cyclohexane, < 40 % Ethyl acetate, < 0.2 % Xylene (isomeric mixture), < 1 % Colophony, < 1 % Zinc oxide, < 0.3 % 4-tert-Butylphenol, < 0.3 % 3,5-Di-tert-butyl-4-hydroxytoluene. Safety data sheet available on request.

Hazard rating systems:



NFPA Hazard Rating:

Health: 2 (Moderate)

Fire: 3 (Serious)

Reactivity: 1 (Slight)

HMIS Version III Rating:

Health: 2 (Moderate) - Chronic effects

Flammability: 3 (Serious)

Physical Hazard: 1 (Slight)

Personal Protection: X = Consult your supervisor

HEALTH	*	2
FLAMMABILITY		3
PHYSICAL HAZARD		1
		X

Reason of change:

ADR/RID 2017

Date of first version:

14/Jan/2016

Department issuing data sheet

Contact person:

see section 1: Dept. responsible for information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.