



LEXCAN SAFETY DATA SHEET

Date Prepared: 10/26/2023

SECTION 1 - PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME

**HI-FLEX EPDM
PA-100 PLUS PRIMER**

SUPPLIER NAME AND ADDRESS

*Lexusco 2010 Corporation
3275 Orlando Dr.
Mississauga, ON, L4V 1C5
Tel: 905.792.8300
Fax: 905.792.8305*

Prepared By: Lexusco 2010 Corporation

Relevant identified uses of the substance or mixture: Adhesive.

Application of the substance / the mixture: Adhesive

EMERGENCY TELEPHONE NUMBER:

ChemTrec:

*Day or Night within USA and Canada:
1-800-424-9300.*

*Outside USA and Canada: +1 703-527-3887
(collect calls accepted)*

SECTION 2 - HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS02 Flame



Flammable Liquids - Category 2

H225 Highly flammable liquid and vapor.

GHS08 Health hazard



Respiratory Sensitizer - Category 1
Carcinogenicity - Category 2
Reproductive Toxicity - Category 2
Specific Target Organ Toxicity -
Repeated Exposure - Category 2
Aspiration Hazard - Category 1

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H351 Suspected of causing cancer.
H361 Suspected of damaging fertility or the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.
H304 May be fatal if swallowed and enters airways.

GHS09 Environment



Aquatic Chronic 2

H411 Toxic to aquatic life with long lasting effects.

GHS07 Exclamation



Skin Irritation - Category 2
Skin Sensitizer - Category 1
Specific Target Organ Toxicity -
Single Exposure - Category 3

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H336 May cause drowsiness or dizziness.

Label elements

GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms



GHS02



GHS07



GHS08



GHS09

Signal word

Danger

Hazard-determining components of labeling:

toluene
diphenylmethanediisocyanate, isomers and homologues (polymer exempt)
CAS 64742-49-0 Naphtha, petroleum, hydrotreated light, low boil
4,4'-methylenediphenyl diisocyanate (MDI)

Hazard statements

Highly flammable liquid and vapor.
Causes skin irritation.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
May cause an allergic skin reaction.
Suspected of causing cancer.
Suspected of damaging fertility or the unborn child.
May cause drowsiness or dizziness.
May cause damage to organs through prolonged or repeated exposure.
May be fatal if swallowed and enters airways.
Toxic to aquatic life with long lasting effects.

Precautionary statements

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Ground and bond container and receiving equipment.
Use explosion-proof [electrical/ventilating/lighting] equipment.
Use non-sparking tools.
Take actions to prevent static discharges.
Do not breathe dust/fume/gas/mist/vapours/spray.
Wash 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/face protection.
[In case of inadequate ventilation] wear respiratory protection.
If swallowed: Immediately call a poison center/doctor.
Specific treatment (see on this label).
Do NOT induce vomiting.
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 exposed or concerned: Get medical advice/attention.
 Call a poison center/doctor if you feel unwell.
 Get medical advice/attention if you feel unwell.
 Take off contaminated clothing and wash it before reuse.
 If skin irritation or rash occurs: Get medical advice/attention.
 If experiencing respiratory symptoms: Call a poison center/doctor.
 In case of fire: Use CO₂, powder or water spray to extinguish.
 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 in accordance with local/regional/national/international regulations.

SECTION 3 - INFORMATION ON INGREDIENTS

Chemical characterization: Mixtures

Description: Mixture

Hazardous components:		
108-88-3	toluene	30-60% w/w *
64742-49-0	CAS 64742-49-0 Naphtha, petroleum, hydrotreated light, low boil	30-60% w/w *
9016-87-9	diphenylmethanediisocyanate, isomeres and homologues {polymer exempt}	≥ 0.1-<1% w/w *
101-68-8	4,4'-methylenediphenyl diisocyanate (MDI)	≥ 0.1-<1% w/w *
546-93-0	Magnesite	0.1-1% w/w *
27936-43-2	Potassium nonylphenolate	≥0.1-<0.25% w/w *

* Actual concentration ranges are withheld as a trade secret.

SECTION 4 - FIRST AID MEASURES

Description of first aid measures

After inhalation:

In case of unconsciousness place patient stably in side position for transportation.

Call a doctor immediately.

Overexposure, remove to fresh air and seek medical attention.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

After eye contact:

Rinse opened eye for several minutes under running water.

After swallowing:

Seek medical treatment.

Information for the doctor:

Most important symptoms and effects, both acute and delayed

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5 - FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing agents:

CO₂, extinguishing powder or water spray. Fight larger fires with water spray.

CO₂, sand, extinguishing powder. Do not use water.

For safety reasons unsuitable extinguishing agents:

Water

Water and water with full jet

Special hazards arising from the substance or mixture

No further relevant information available.

Advice for firefighters

Firefighters use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Protective equipment:

Protective clothing and respiratory protective device.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Environmental precautions:

Prevent seepage into sewage system, workpits and cellars.

Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of contaminated material as waste in accordance with federal state, provincial and local regulations.

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7 - HANDLING & STORAGE

Handling:

Precautions for safe handling

Prevent formation of aerosols.

Information about protection against explosions and fires:

Keep container closed when not in use.

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Store in a cool location away from direct heat.

Information about storage in one common storage facility:

Store away from oxidizing agents.

Further information about storage conditions:

Keep receptacle tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

Specific end use(s)

No further relevant information available.

SECTION 8 - EXPOSURE CONTROL & PERSONAL PROTECTION

Additional information about the design of technical systems:

No further data; see item 7.

Control parameters

Components with limit values that require monitoring at the workplace:	
108-88-3 toluene	
EL	TWA: 20 ppm R
EV	TWA: 20 ppm
9016-87-9 diphenylmethanediisocyanate, isomeres and homologues (polymer exempt)	
EL	TWA: 0.005 ppm Ceiling: 0.01 ppm
101-68-8 4,4'-methylenediphenyl diisocyanate (MDI)	
EL	TWA: 0.005 ppm Ceiling: 0.01 ppm R S(R)
EV	TWA: 0.005 ppm Ceiling: 0.02 ppm
546-93-0 Magnesite	
EL	TWA: 10* 3** mg/m ³ *total dust, **respirable fraction
EV	TWA: 10 mg/m ³ total dust

Additional information:

The lists that were valid during the creation were used as basis.

Exposure controls

Personal protective equipment (see listings below)

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the skin.
Avoid contact with the eyes and skin.

Breathing equipment:

Use approved respiratory protection equipment when airborne exposure is excessive. Consult the respirator manufacturer to determine the appropriate type of equipment for a given application. Observe respirator use limitations specified by the manufacturer.

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

Nitrile rubber, NBR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:
Safety glasses with side shields.



Tightly sealed goggles

Body protection:
Protective work clothing

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Information on basic physical and chemical properties	
General Information	
Appearance:	
Form:	Liquid
Odor:	Blue
Odor threshold:	Characteristic Not determined
pH-value	Not determined
Change in condition	
Melting point:	Undetermined.
Boiling point:	98 °C (208.4 °F)
Flash point:	-4 °C (24.8 °F)
Flammability (solid, gaseous):	Not Applicable
Auto igniting:	215 °C (419 °F)
Decomposition temperature:	Not determined
Ignition temperature:	Product is not self-igniting.
Danger of explosion:	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
Flammable limits:	
Lower:	1.1 Vol %
Upper:	7.0 Vol %
Vapor pressure at 20 °C (68 °F):	48 hPa
Specific gravity at 20 °C (68 °F):	0.791
Relative density:	Not determined
Vapor density:	Not determined.
Evaporation rate:	Not determined
Solubility in / Miscibility with Water:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/water):	Not determined
Viscosity:	
Dynamic:	Not determined
Kinematic:	Not determined
Solvent content:	
Organic solvents:	83.0 %
Solids content:	17.0 %
Other information:	No further relevant information available.

SECTION 10 - STABILITY & REACTIVITY

Reactivity:
No further relevant information available.

Chemical stability**Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

Possibility of hazardous reactions

No further information is available.

Conditions to avoid

Heat, flames, sparks.

Incompatible materials:

Reacts with oxidizing agents.

Hazardous decomposition products:

Carbon monoxide and carbon dioxide

Nitrogen oxides

Hydrogen bromide

Hydrocarbons

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on toxicological effects**Acute toxicity:**

LD/LC50 values that are relevant for classification:		
108-88-3 toluene		
Oral	LD50	5,000 mg/kg (rat)
Dermal	LD50	12,124 mg/kg (rabbit)
Inhalative	LC50/ 4 h	5,320 mg/l (mouse)

Primary irritant effect:**On the skin:**

Skin irritant.

Irritant to skin and mucous membranes.

On the eye:

May irritate the eye.

Vapors may be irritating to the eyes.

Sensitization:

Inhalation - May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Inhalation - Sensitization possible through inhalation.

Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

Harmful

Irritant

Carcinogenic categories:

IARC (International Agency for Research on Cancer)		
108-88-3	toluene	3
9016-87-9	diphenylmethanediisocyanate, isomers and homologues {polymer exempt}	3
14807-96-6	Talc (Mg ₃ H ₂ (SiO ₃) ₄)	3
101-68-8	4,4'-methylenediphenyl diisocyanate (MDI)	3
NTP (National Toxicology Program)		
None of the ingredients is listed.		
CMR effects (carcinogenic, mutagenic and toxic for reproduction)		
Carcinogenicity - category 2, Reproductive toxicity - category 2		

SECTION 12 - ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity:

No further relevant information available.

Persistence and degradability

No further relevant information available.

Behavior in environmental systems:

Bioaccumulative potential

No further relevant information available.

Mobility in soil

No further relevant information available.

Additional ecological information:

General notes:

At present there are no ecotoxicological assessments.

Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

Other adverse effects

No further relevant information available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste treatment methods

Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Must be specially treated adhering to official regulations.


Disposal must be made according to official regulations.




Uncleaned packagings:

Recommendation:

Disposal must be made according to official regulations.

SECTION 14 - TRANSPORT INFORMATION

UN-Number DOT/TDG, ADR, IMDG, IATA	UN1133
UN proper shipping name DOT/TDG/ IATA ADR IMDG	ADHESIVES 1133 Adhesives (vapour pressure at 50°C not more than 110 kPa), ENVIRONMENTALLY HAZARDOUS ADHESIVES, MARINE POLLUTANT
Transport hazard class(es) DOT/TDG (Transport dangerous goods):  Class Label	 3 Flammable liquids 3

ADR, IMDG   Class Label	 3 Flammable liquids 3
IATA  Class Label	 3 Flammable liquids 3
Packing group DOT/TDG, ADR, IMDG, IATA	II
Environmental hazards: Marine pollutant: Special marking (ADR):	Product contains environmentally hazardous substances: CAS 64742-49-0 Naphtha, petroleum, hydrotreated light, low boil Yes (DOT) Symbol (fish and tree) Symbol (fish and tree)
Special precautions for user Hazard identification number (Kemler code): EMS Number: Stowage Category	Warning: Flammable liquids 33 F-E,S-D B
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable
Transport/Additional information: DOT/TDG Remarks:	Proof of Transportation Classification: The SDS authoring software has TDG classification capabilities based on product composition. Products are classified as per the revision date provided on the SDS. Special marking with the symbol (fish and tree).
ADR Limited quantities (LQ) Excepted quantities (EQ) Transport Category Restricted Code in Tunnels	5L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml 2 D/E
UN "Model Regulation":	UN 1133 ADHESIVES (VAPOUR PRESSURE AT 50°C NOT MORE THAN 110 KPA), 3, II, ENVIRONMENTALLY HAZARDOUS

SECTION 15 - REGULATORY INFORMATION

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

TSCA (Toxic Substances Control Act):

All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

DSL (Canada Domestic Substance List)

All components of this product are on the DSL (Canada Domestic Substance list) or are exempt from DSL requirements.

National regulations:

Technical instructions (air):

Class	Share in %
I	0.8
NK	82.6

Water hazard class:

Water hazard class 2 (Self-assessment): hazardous for water.

Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

SECTION 16 - OTHER INFORMATION

*Although the information and recommendations set forth in this SDS are presented in good faith and are believed to be correct as of the date of this SDS, **Lexsuco Corporation** makes no representations as to the completeness or accuracy thereof. Information is supplied on the condition that the persons receiving and using it will make their own determination as to the suitability for their purpose prior to use. In no event will **Lexsuco Corporation** or any affiliate there of be responsible for damages of any nature whatsoever resulting from the use or reliance on the information set forth in the SDS.*

Date of the latest revision of the safety data sheet

10/26/2023

Abbreviations and acronyms:

ICAO: International Civil Aviation Organisation

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Prepared By: Lexsuco 2010 Corporation