

CARMEN'S ONE™

URETHANE FLOORING ADHESIVE WITH ADVANCED
MOISTURE PROTECTION IN EVERY BUCKET

SAFETY DATA SHEET

PRODUCT IDENTIFIER

Trade name **CARMEN'S ONE™**

Relevant identified uses of the substance or mixture

Commercial & Industrial Adhesive

Application of the substance / the mixture adhesive

2 HAZARD(S) IDENTIFICATION

Classification of Substance or Mixture



GHS08 HEALTH HAZARD

Resp Sens 1 H334 May cause allergy, asthma symptoms, breathing difficulty if inhaled Muta IB H340 May cause genetic defects

STOT RE2 H373 May cause damage to organs through repeated /prolonged exposure

GHS0 HEALTH HAZARD

Acute Tox 4 H332 Harmful if inhaled

Skin Irritation 2 H315 Causes skin irritation

Eye Irritation 2A H319 Causes serious eye irritation

Skin Sens 1 H31 May cause an allergic skin reaction

STOTSE 3 H335 May cause respiratory irritation

GHS LABEL ELEMENTS

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



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HAZARD PICTOGRAMS



GH508



GHS07

Signal word Danger

Hazard statements

Harmful if inhaled

Causes skin irritation

Causes serious eye irritation

May cause allergy, asthma symptoms, breathing difficulties if inhaled May cause allergic skin reaction

May cause genetic defects

May cause respiratory irritation

May cause organ damage through prolonged or repeated exposure

PRECAUTIONARY STATEMENTS

- Wear disposable gloves and safety glasses
- Obtain special instructions before use
- Do not handle until all safety precautions are read and understood
- Do not breathe dust fume, gas, mist vapors spray
- Wash thoroughly after handling
- Use only outdoors or in a well-ventilated area
- Contaminated work clothing must not be allowed out of the workplace
- Wear protective gloves, protective clothing, eye protection, face protection
- In case of inadequate ventilation, wear respiratory protection
- If on skin, wash with plenty of water



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If **INHALED** remove person to fresh air and keep comfortable for breathing

If **IN EYES** rinse cautiously with water for several minutes. Remove any contact lenses and continue rinsing

If **EXPOSED** or concerned, get medical advice attention

- Call a poison center doctor if you feel unwell
- Specific treatment (see on this label)
- Get medical advice attention if you feel unwell
- Take off contaminated clothing and wash in before reuse
- If skin irritation persists, get medical advice or attention
- If experiencing respiratory symptoms, call a poison center doctor
- Wash contaminated clothing before reuse
- Store in a well-ventilated place
- Keep container tightly closed
- Store locked up
- Dispose of contents container in accordance with local regional national international regulations

CLASSIFICATION SYSTEM

NFPA ratings (scale 0-4)

Health=2

Fire=0

Reactivity=0

HMS ratings (scale 0-4)

Health=2

Fire=0

Physical Hazard=0

RESULTS OF PBT AND VPVB ASSESSMENT

PBT: Not applicable

vPvP: Not applicable



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COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Mixtures

Description: Mixture

Hazardous components:

64742-48-9: Naphtha (petroleum), hydrotreated heavy

101-68-8: 4.4' – methylenediphenyl diisocyanate

101-68-8: 4.4' – methylenediphenyl diisocyanate

9016-87-9: Diphenylmethanediisocyanate, isomeres and homologues
(polymer exempt)

FIRST-AID MEASURES

After inhalation: Supply fresh air or oxygen; call for doctor

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

After skin contact: Immediately wash with water and soap and rinse thoroughly

After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing: do not induce vomiting; immediately call for medical help

Information for doctor: No further relevant information available. Indication of any immediate or delayed reaction get medical attention

FIRE-FIGHTERS MEASURES

Suitable extinguishing agents: CO2, extinguishing powder or water spray and fight larger fires with water spray. Use measures that suit the environment

Advice for firefighters: Use standard protective equipment including flame retardant coat, helmet with face shield gloves rubber boots, and in enclosed spaces, SCBA (Self-Contained Breathing Apparatus/ respiratory protective device).

ACCIDENTAL RELEASE MEASURES

Wear protective equipment

Keep unprotected persons away

Ensure adequate ventilation



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ENVIRONMENTAL PRECAUTIONS

Do not allow product to enter sewers surface or ground water

METHODS AND MATERIAL FOR CONTAINMENT AND CLEAN UP

- Use neutralizing agent
- Absorb with liquid-binding material (sand, diatomite, acid binders, sawdust, universal binders) Dispose of contaminated material as waste in accordance with federal state and local regulations
- Ensure adequate ventilation

NEUTRALIZATION SOLUTIONS AND INSTRUCTIONS:

- A mixture of 90% water, 3-8% ammonium hydroxide or concentrated ammonia and 2% liquid detergent
- A mixture of 80% water, 20% non-ionic surfactant

Apply solution. Wait 15 minutes. Collect in open-head container (drum with fully removable lid) Re-apply until surface is decontaminated. Apply drum lid but DO NOT secure. Let containers vent for 72 hours allowing carbon dioxide to escape. Secure drum/container lid.

PAC-1:

64742-48-9 / Naphtha (petroleum), hydrotreated heavy
101-68-8 / 4.4' – methylenediphenyl diisocyanate
9016-87-9 / Diphenylmethanediisocyanate, isomeres and homologues (polymer exempt)

PAC-2:

64742-48-9 / Naphtha (petroleum), hydrotreated heavy
101-68-8 / 4.4' – methylenediphenyl diisocyanate
9016-87-9 / Diphenylmethanediisocyanate, isomeres and homologues (polymer exempt)

PAC-3:

64742-48-9 / Naphtha (petroleum), hydrotreated heavy
101-68-8 / 4.4' – methylenediphenyl diisocyanate
9016-87-9 / Diphenylmethanediisocyanate, isomeres and homologues (polymer exempt)

Handling and Storage

Precautions for safe handling

OPEN AND HANDLE RECEPTACLE WITH CARE



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Ensure good ventilation/exhaustion at the workplace

Open and handle receptacle with care

Prevent formation of aerosols

INFORMATION ABOUT PROTECTION AGAINST EXPLOSIONS AND FIRES

Product reacts with water. Reaction may produce heat and/or gases

REQUIREMENTS TO BE MET BY STOREROOMS AND RECEPTACLES

Protect from moisture. Keep packages dry

INFORMATION ABOUT STORAGE IN ONE COMMON STORAGE FACILITY

Store away from oxidizing agents

Keep away from open flames and high temperatures

FURTHER INFORMATION ABOUT STORAGE CONDITIONS

Keep receptacle tightly sealed. Protect from humidity and water. Protect from contamination. Store under dry inert gas.

Store in dry conditions

EXPOSURE CONTROLS/PERSONAL PROTECTION

The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit. At this time the other constituents have no known exposure limits

101-68-8 / 4,4'-methylenediphenyl diisocyanate

PEL / Ceiling limit value : 0.2mg m³, 0.02ppm

REL / Long-term value: 0.05mg m³, 0.005ppm

REL / Ceiling limit value: 0.2* mg m³, 0.02* ppm *10-mm TVL Long-term value: 0.051 mg m³, 0.005ppm

ADDITIONAL INFORMATION

Product has poor warning properties since recognition of an odor is far above the TLV (Time Weighted Average-Threshold Limit Value measured in ppm -Parts of Chemical Per Million Parts of Air). Observe OSHA regulations for respirator use (29 CFR 1910.134) (i.e. Not a concentration that can be easily detected by the nose).

TLV is chemical level that a person can be exposed to on an ongoing basis throughout one's working life without adverse effect.

GENERAL PROTECTIVE AND HYGIENIC MEASURES

Keep away from foodstuffs, beverages and feed





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Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work

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 equipment for a given application.

PROTECTION OF HANDS

Protective gloves made of a material impermeable and resistant to the product the substance the preparation Nitrile rubber, NBR; Chloroprene rubber, CR; Butyl rubber, BR. The selection of the suitable gloves and the penetration time of the material does not only depend on the material but also on further marks of quality and varies from manufacturer to manufacturer

EYE PROTECTION Tightly sealed goggles

BODY PROTECTION Apron and protective work clothing



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PHYSICAL AND CHEMICAL PROPERTIES

Cream-like consistency and color

Product is not auto-ignite

Odor: Sweetish.

Specific Gravity: 1.27

VOC content <100gl

SOLUBILITY IN / MISCIBILITY WITH WATER Not miscible or difficult to mix

THERMAL DECOMPOSITION / CONDITIONS TO BE AVOIDED Moisture

POSSIBILITY OF HAZARDOUS REACTIONS Contact with moisture, other materials that react with isocyanates or temperatures above 350F, may cause polymerization.

CONDITIONS TO AVOID Avoid high temperature and freezing

INCOMPATIBLE MATERIALS Reacts with amines, alcohols, alkali(lyes), water, copper and copper alloys

HAZARDOUS DECOMPOSITION PRODUCTS Carbon monoxide, carbon dioxide, nitrogen oxides, isocyanate, isocyanic acid. Possible in traces, hydrogen cyanide (prussic acid)

TOXICOLOGICAL INFORMATION

Acute toxicity

LD/LC50 values that are relevant for classification 64742-48-9 Naphtha (petroleum), hydrotreated heavy

Oral LD50 >5.000 mg kg (rat)

Dermal LD50 >3.000 mg kg (rab)

Oral LD50 2.200 mg kg (mouse)

101-68-8 4,4'-methylenediphenyldiisocyanate

PRIMARY IRRITANT EFFECT

On the skin: Irritant to skin and mucous membrane

On the eye: Causes serious eye irritation. Vapors may irritate eyes

SENSITIZATION

Inhalation – Sensitization possible through inhalation

Skin Contact – Sensitization possible through skin contact



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ADDITIONAL TOXICOLOGICAL INFORMATION

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

Harmful

Irritant

CARCINOGENIC CATEGORIES

101-68-8 / 4,4'-methylenediphenyl diisocyanate / 3

9016-87-9 / Diphenylmethanediisocyanate, isomeres and homologues (polymer exempt) / 3

NTP (NATIONAL TOXICOLOGY PROGRAM) – none of the ingredients are listed

OSHA-CA (OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION) – none of the ingredients are listed

ECOLOGICAL INFORMATION

No further relevant information available on Toxicity; Aquatic toxicity; Persistence and degradability;

Bio-accumulative potential; Mobility in soil

At present there are no **ecotoxicological assessments**

RESULTS OF PBT AND VPVB ASSESSMENT not applicable

DISPOSAL CONSIDERATIONS

Waste treatment methods must be specially treated adhering to official regulations



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UNDETERMINED

- Odor threshold
- Melting point
- Boiling point
- pH-value
- Decomposition temperature
- Danger of explosions
- Flammable limits
- Vapor pressure
- Evaporation rate

TRANSPORT INFORMATION (NA/ not regulated)

UN-Number, DOT, AND, IMDG, IATA

Environmental hazards

Special precautions for

MARPOL73/78 and the IBC Code

Not dangerous according to the above specifications

UN "Model Regulation" not regulated

REGULATORY INFORMATION

Section 335 (extremely hazardous substances). None of the ingredients are listed

Section 313 (**Specific toxic chemical listings**):

101-68-8 4,4'-methylenediphenyl diisocyanate

9016-87-9 Diphenylmethanediisocyanate, isomeres and homologues
(polymer exempt)

TSCA (TOXIC SUBSTANCES CONTROL ACT) All components of this product are on the

TSCA Chemical Substance Inventory or are exempt from TSCA Inventory requirements

NEW JERSEY RIGHT-TO-KNOW LIST

101-68-8 / 4,4'-methylenediphenyl diisocyanate

9016-87-9 / Diphenylmethanediisocyanate, isomeres and homologues (polymer exempt)



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NEW JERSEY SPECIAL HAZARDOUS SUBSTANCE LIST

None of the ingredients are listed

PENNSYLVANIA RIGHT-TO-KNOW LIST

101-68-8 4,4'-methylenediphenyl diisocyanate 101-68-8 4,4'-methylenediphenyl diisocyanate - **E**

CARCINOGENICITY CATEGORIES

EPA (Environmental Protection Agency)

101-68-8. 4,4'-methylenediphenyl diisocyanate D & CBD

9016-87-9 Diphenylmethanediisocyanate, isomeres and homologues (polymer exempt) CBD

MAK (GERMAN MAXIMUM WORKPLACE CONCENTRATION)

101-68-8 / 4,4'-methylenediphenyl diisocyanate / **4**

9016-87-9 Diphenylmethanediisocyanate, isomeres and homologues (polymer exempt) / **4**

TLV (THRESHOLD LIMIT VALUE ESTABLISHED BY ACGIH) - None of the ingredients are listed

NIOSH-CA (NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH)

None of the ingredients are listed

NATIONAL REGULATIONS

Limitation of use: Workers are not allowed to be exposed to the hazardous carcinogens contained in this preparation. Exceptions can be made by the authorities in certain cases

WATER HAZARD CLASS

Water hazard class 2 (self-assessment hazardous for water)

Chemical safety assessment has not been carried out



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GENERAL STATEMENT

The information and recommendations set forth in this document are presented in good faith and are believed to be correct as of the date of its release. The company 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 CARMEN'S ONE STEPTM/Carmen's Inc. or any affiliate be responsible for damages of any nature whatsoever resulting from the use or reliance on the information set forth in this document.

DATE: Info valid Dec 2019

Product Labelling Includes:

DANGER: Causes skin irritation. May cause an allergic skin reaction. serious eye irritation. Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

PRECAUTIONS: Avoid breathing dust/fume/gas/mist/vapours/spray. Use in a well-ventilated area. Wash thoroughly after handling. Wear protective. Wear disposable gloves, safety glasses, protective clothing, eye protection, face protection. In case of inadequate ventilation wear respiratory protection.

FIRST AID: Call a POISON CENTER, doctor/physician if you feel unwell.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF ON SKIN: Wash with soap and water.

IF SKIN IRRITATION OCCURS: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

