



SAFETY DATA SHEET

in accordance with 29 CFR 1910.1200 and ANSI standard Z400.1-2010

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

Contact CA-Primer for Polyolefines

Material number 124500

Page: 1 of 9

1. Product and company identification

Product identifier

Trade name: Contact CA-Primer for Polyolefines

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

General use: Primer

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 – USA (24h): Tel: ++1 202 464 2554

Transport:

TRANSPORT EMERGENCY CONTACT - USA (24h): Tel: ++1 202 464 2554

2. Hazards identification

Emergency overview

Appearance: Physical state at 68 °F and 101.3 kPa: liquid
Color: colorless
Odor: solvent-like
Classification: Flammable Liquid - Category 2; Skin Irritation - Category 2;
Specific Target Organ Toxicity (Single Exposure) - Category 3; Aspiration Toxicity -
Category 1; Aquatic toxicity - chronic - Category 2;

Hazard symbols:



Signal word:

Danger

Hazard statements:

Highly flammable liquid and vapor.
May be fatal if swallowed and enters airways.
Causes skin irritation.
May cause drowsiness or dizziness.
Toxic to aquatic life with long lasting effects.



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Contact CA-Primer for Polyolefines

Material number 124500

Page: 2 of 9

Precautionary statements: Keep out of reach of children.
 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.
 Avoid release to the environment.
 Wear protective gloves/protective clothing/eye protection/face protection.
 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
 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.
 Call a POISON CENTER/doctor if you feel unwell.
 Specific treatment (see ' First aid ' on this label).
 Do NOT induce vomiting.
 If skin irritation occurs: Get medical advice/attention.
 Take off contaminated clothing.
 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.

see section 11: Toxicological information

3. Composition / Information on ingredients

Relevant ingredients:

CAS No.	Designation	Content	Classification
CAS 64742-49-0	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	>= 50 %	Flammable Liquid - Category 2. Skin Irritation - Category 2. Specific Target Organ Toxicity (Single Exposure) - Category 3. Aspiration Toxicity - Category 1. Aquatic toxicity - chronic - Category 2.
CAS 6674-22-2	1,8-Diazabicyclo[5.4.0]undec-7-ene	1 - 3 %	Corrosive to Metals - Category 1. Acute Toxicity - oral - Category 3. Skin Corrosion - Category 1B. Aquatic toxicity - chronic - Category 3.

4. First aid measures

General information: Take off immediately all contaminated clothing.



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Contact CA-Primer for Polyolefines

Material number 124500

Page:

3 of 9

- In case of inhalation: Move victim to fresh air; if necessary, provide artificial respiration or oxygen. If unconscious place in recovery position and seek medical advice. Consult physician immediately.
- Following skin contact: After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.
- After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. In case of troubles or persistent symptoms, consult an ophthalmologist.
- After swallowing: Aspiration hazard: if swallowed or in the event of vomiting, risk of entering the lungs. Do not induce vomiting. Immediately get medical attention.

Most important symptoms/effects, acute and delayed

Causes skin irritation. May be fatal if swallowed and enters airways. May cause drowsiness or dizziness. Inhaling can lead to irritations of the respiratory tract and mucous membrane. Higher doses may have a narcotic effect.

Information to physician

Treat symptomatically.

5. Fire fighting measures

Flash point/flash point range:

> 50 °F (c.c.)

Auto-ignition temperature: No data available

Suitable extinguishing media:

Water fog, alcohol resistant foam, dry chemical powder, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

High power water jet

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: Nitrogen oxides (NOx), carbon monoxide and carbon dioxide.

Protective equipment and precautions for firefighters:

Wear self-contained positive pressure breathing apparatus and full firefighting protective clothing.

Additional information:

Heating will lead to pressure increase: Danger of bursting and explosion. Cool exposed containers with water spray.

Move undamaged containers from immediate hazard area if it can be done safely.

In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

Do not allow fire water to penetrate into surface or ground water.

Fire residuals and contaminated extinguishing water must be disposed of in accordance with the regulations of the local authorities.

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus.



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Revision date: Jan/2/2017

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Language: en-US

Date of print: Jan/10/2017

Contact CA-Primer for Polyolefines

Material number 124500

Page:

4 of 9

6. Accidental release measures

- Personal precautions:** Provide adequate ventilation. Do not breathe vapor/aerosol/fog. Avoid contact with the substance.
Eliminate all ignition sources if safe to do so. Take off immediately all contaminated clothing.
Wear appropriate protective equipment. Keep unprotected people away.
Cordon off downwind area at risk and warn inhabitants.
- 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).
Absorb with liquid-binding material (e.g. sand, diatomaceous earth, universal binding agents, sawdust).
Treat the recovered material as prescribed in the section on waste disposal.
- 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. Vent high concentrations of aerosols and/or fumes from the work area. Do not breathe vapors.
Avoid the formation of aerosol. Avoid contact with skin and eyes. Take off immediately all contaminated clothing. Wear appropriate protective equipment.
When using do not eat, drink or smoke. Wash hands before breaks and after work.
- Precautions against fire and explosion:**
Keep away from sources of ignition - No smoking.
Take precautionary measures against static discharges.
Use only explosion-protected equipment/instruments. Do not weld.
In partially filled containers explosive mixtures may form.
Guarantee sufficient ventilation during and after use, in order to prevent vapour accumulation.

Storage

- Requirements for storerooms and containers:**
Keep container tightly closed in a cool, well-ventilated place.
Keep container dry. Keep only in the original container.
Protect from heat and direct sunlight.
storage temperature: 41 °F up to 77 °F.
Store containers in upright position. Explosion protection required.
- Hints on joint storage:** Do not store together with combustible or self-igniting materials or any highly flammable solids.
Do not store together with oxidizing agents, acids or acid chlorides.
Keep away from food, drink and animal feedingstuffs.



SAFETY DATA SHEET

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Revision date: Jan/2/2017

Version: 3

Language: en-US

Date of print: Jan/10/2017

Contact CA-Primer for Polyolefines

Material number 124500

Page:

5 of 9

8. Exposure controls / personal protection

Engineering controls

Provide for good ventilation or exhaust system or work with completely self-contained equipment. Explosion protection required.
See also information in chapter 7, section storage.

Personal protection equipment (PPE)

Eye/face protection: Tightly sealed safety glasses

Skin protection: Flame retardant, antistatic and chemical resistant protective clothing.
protective gloves according to OSHA Standard - 29 CFR: 1910.138.
Glove material: nitrile - Layer thickness: 0,4 mm
Breakthrough time: > 60 min
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Respiratory protection: Respiratory protection must be worn whenever the TLV (WEL) levels have been exceeded.
Use a breathing protection against vapors/aerosol.
The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

General hygiene considerations:

Use only non-sparking tools. Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.
Do not breathe vapor or spray. Avoid contact with skin and eyes.
Take off immediately all contaminated clothing.
When using do not eat, drink or smoke.
Wash hands before breaks and after work.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance: Physical state at 68 °F and 101.3 kPa: liquid
Color: colorless

Odor: solvent-like

Odor threshold: not determined

pH value: No data available

Melting point/freezing point: not determined

Initial boiling point and boiling range: > 176 °F

Flash point/flash point range: > 50 °F (c.c.)

Evaporation rate: No data available

Flammability: Highly flammable liquid and vapor.

Explosion limits: LEL (Lower Explosion Limit): not determined
UEL (Upper Explosive Limit): not determined

Vapor pressure: at 68 °F: 100 hPa (Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics)

Vapor density: not determined

Density: at 59 °F: 0.7 g/mL

Solubility: not determined

Water solubility: not/slightly miscible

Partition coefficient: n-octanol/water: not determined



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Revision date: Jan/2/2017

Version: 3

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Date of print: Jan/10/2017

Contact CA-Primer for Polyolefines

Material number 124500

Page: 6 of 9

Auto-ignition temperature:	No data available
Thermal decomposition:	No data available
Viscosity, dynamic:	at 104 °F: $\geq 20.5 \text{ mm}^2/\text{s}$
Explosive properties:	Product is not explosive. Vapors may form explosive mixtures with air.
Ignition temperature:	not determined

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 acids and strong oxidizing agents
Conditions to avoid:	Keep away from heat sources, sparks and open flames. Protect against direct sunlight. Keep in a cool place.
Incompatible materials:	Concentrated acids, strong oxidizing agents, acid chlorides.
Hazardous decomposition products:	Toxic gases/vapours. 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): Based on available data, the classification criteria are not met. ATEmix calculated: $> 5000 \text{ mg/kg}$. Acute toxicity (dermal): Lack of data. Acute toxicity (inhalative): Lack of data. Skin corrosion/irritation: Skin Irritation - Category 2 = Causes skin irritation. Eye damage/irritation: Based on available data, the classification criteria are not met. Minor irritation effect - does not require labeling. Sensitisation to the respiratory tract: Lack of data. Skin sensitisation: Based on available data, the classification criteria are not met. Germ cell mutagenicity/Genotoxicity: Lack of data. Carcinogenicity: Lack of data. Reproductive toxicity: Lack of data. Effects on or via lactation: Lack of data. Specific target organ toxicity (single exposure): Specific Target Organ Toxicity (Single Exposure) - Category 3 = May cause drowsiness or dizziness. Specific target organ toxicity (repeated exposure): Lack of data. Aspiration hazard: Aspiration Toxicity - Category 1 = May be fatal if swallowed and enters airways.
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Contact CA-Primer for Polyolefines

Material number 124500

Page: 7 of 9

Other information: Information about Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics:
LD50 oral, Rat: > 5000 mg/kg
LD50 dermal, Rabbit: > 2000 mg/kg
LC50 inhalative, Rat: > 20 mg/L.
Information about 1,8-Diazabicyclo[5.4.0]undec-7-ene:
LD50 oral, Rat: > 5000 mg/kg

General remarks

Handle in accordance with good industrial hygiene and safety practice.
Further hazardous properties cannot be excluded.

12. Ecological information

Ecotoxicity

Aquatic toxicity: Toxic to aquatic life with long lasting effects.
Information about Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics:
Acute (short-term) fish toxicity:
- LL50 *Oncorhynchus mykiss*: > 13,4 mg/L/96h (OECD 203)
Chronic (long-term) fish toxicity:
- NOELR *Oncorhynchus mykiss*: 1,534 mg/L/28d (QSAR)
Acute Daphnia toxicity:
- EL50 *Daphnia magna* (Big water flea): 3 mg/L/48h (OECD 202)
Chronic daphnia toxicity:
- NOELR *Daphnia magna* (Big water flea): 1 mg/L/21d (OECD 211)
Algae toxicity:
- EL50 *Pseudokirchneriella subcapitata* (green algae), 10 - 30 mg/L/72h (OECD 201)
-
NOELR *Pseudokirchneriella subcapitata* (green algae), growth rate: approx. 10 mg/L/72h (OECD 201)
Further details: Information about Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics: Product is readily biodegradable.

Mobility in soil

No data available

Persistence and degradability

Further details: No data available

Additional ecological information

Volatile organic compounds (VOC):
97 % by weight = 679 g/L
General information: Do not allow to penetrate into soil, waterbodies or drains.

13. Disposal considerations

Product

Recommendation: Dispose of as hazardous waste. Dispose of waste according to applicable legislation.

Contaminated packaging

Recommendation: Dispose of waste according to applicable legislation. Handle contaminated packages in the same way as the substance itself. Non-contaminated packages may be recycled.

Contact CA-Primer for Polyolefines

Material number 124500

Page:

8 of 9

14. Transport information

USA: Department of Transportation (DOT)

Identification number: UN1206
Proper shipping name: UN 1206, HEPTANES
Hazard class or Division: 3
Packing Group: II
Labels: 3
Special provisions: IB2, T4, TP1
Packaging – Exceptions: 150
Packaging – Non-bulk: 202
Packaging – Bulk: 242
Quantity limitations – Passenger aircraft / rail: 5 L
Quantity limitations – Cargo only: 60 L
Vessel stowage – Location: B



Sea transport (IMDG)

UN number: UN 1206
Proper shipping name: UN 1206, HEPTANES
Class or division, Subsidiary risk: Class 3, Subrisk P
Packing Group: II
EmS: F-E, S-D
Special provisions: -
Limited quantities: 1 L
Excepted quantities: E2
Contaminated packaging - Instructions: P001
Contaminated packaging - Provisions: -
IBC - Instructions: IBC02
IBC - Provisions: -
Tank instructions - IMO: -
Tank instructions - UN: T4
Tank instructions - Provisions: TP2
Stowage and handling: Category B.
Properties and observations: Colourless volatile liquids. Explosive limits: 1.1%-6,7%. n-HEPTANE: flashpoint -4°C c.c. Immiscible with water. Irritating to skin, eyes and mucous membranes.
Marine pollutant: yes
Segregation group: none

Air transport (IATA)

UN/ID number: UN 1206
Proper shipping name: UN 1206, HEPTANES
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
Emergency Response Guide-Code (ERG): 3H



SAFETY DATA SHEET

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Revision date: Jan/2/2017

Version: 3

Language: en-US

Date of print: Jan/10/2017

Contact CA-Primer for Polyolefines

Material number 124500

Page: 9 of 9

15. Regulatory information

National regulations - U.S. Federal Regulations

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics:	TSCA Inventory: listed
	TSCA HPVC: not listed
1,8-Diazabicyclo[5.4.0]undec-7-ene:	TSCA Inventory: listed
	TSCA HPVC: not listed

National regulations - Great Britain

Hazchem-Code: 3YE

16. Other information

Text for labeling: Contains >= 50 % Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics, 1 - 3 % 1,8-Diazabicyclo[5.4.0]undec-7-ene. Safety data sheet available on request.

Hazard rating systems:



NFPA Hazard Rating:

Health: 2 (Moderate)

Fire: 4 (Severe)

Reactivity: 1 (Slight)

HMIS Version III Rating:

Health: 2 (Moderate) - Chronic effects

Flammability: 4 (Severe)

Physical Hazard: 1 (Slight)

Personal Protection: X = Consult your supervisor

HEALTH	*	2
FLAMMABILITY		4
PHYSICAL HAZARD		1
		X

Reason of change:

Changes in section 2: Classification, labeling
 Changes in section 3: Composition / Information on ingredients
 Changes in section 14: Transport information
 General revision

Date of first version:

Dec/1/2015

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.