



CHEMLINE 1165 PART B COVERT GREEN

1	PRODUCT AND COMPANY IDENTIFICATION
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Product Identifier: CHEMLINE 1165 PART B COVERT GREEN
Common Name: POLYURETHANE POLYOL BLEND
SDS Number: 1165 PART B 41003
Revision Date: 9/25/2017
Version: 1
Internal ID: 1165-B-41003
Product Use: 2 part polymeric elastomers for industrial and commercial applications.

Supplier Details: Chemline Incorporated
5151 Natural Bridge Road
Saint Louis, MO 63115

Phone: 314-664-2230
Fax: 314-664-1355
Web: www.chemline.net
Emergency: CHEMTREC 800-424-9300 (24 HOUR SERVICE)

2	HAZARDS IDENTIFICATION
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Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Skin sensitization, 1
Environmental, Hazards to the aquatic environment - Chronic, 1
Health, Acute toxicity, 4 Oral

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H317 - May cause an allergic skin reaction
H410 - Very toxic to aquatic life with long lasting effects
H302 - Harmful if swallowed

GHS Precautionary Statements:

P264 - Wash hands and any exposed skin thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280e - Wear protective gloves.
P273 - Avoid release to the environment.
P314 - Get medical advice/attention if you feel unwell.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P311 - Call a POISON CENTER/doctor/...

P391 - Collect spillage.

P501 - Dispose of contents/container to an approved waste disposal plant.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

Route of Entry: Eyes; Ingestion; Inhalation; Skin;

Target Organs: Eyes; Skin; Respiratory system;

Inhalation: Heating, spraying, foaming or otherwise mechanically dispersing operations may generate vapor or aerosol concentrations sufficient to cause irritation or other adverse effects. Minimal respiratory tract irritation may occur with exposure to a large amount of material.

Skin Contact: Prolonged or repeated exposure can cause skin irritation or dermatitis in some individuals.

Eye Contact: May cause watering of the eye and irritation of the conjunctiva.

Ingestion: May cause nausea or vomiting.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients			
CAS#	%	Chemical Name	
0	70-95%	Proprietary polyol blend	
102093-68-5	5-25%	1,3-Benzenediamine, 4-methyl-2,6-bis(methylthio)-	
13463-67-7	0-4%	Titanium dioxide	
1333-86-4	0-1%	Carbon black	

4 FIRST AID MEASURES

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, oxygen should be administered by qualified personnel. Call a physician or transport to a medical facility immediately.

Skin Contact: Remove all contaminated clothing and shoes. Wash skin with large quantities of water and soap. Wash clothing before wearing again and clean shoes. If redness, itching or a burning sensation develops or persists after the area is washed, consult a physician.

Eye Contact: Flush with large amounts of water for 15 minutes. Use fingers to assure that the eyelids are separated and that the eye is being irrigated. Get immediate medical attention.

Ingestion: If swallowed, do not induce vomiting unless directed to do so by medical personnel. This material is an aspiration hazard. Never give anything by mouth to an unconscious person. Seek medical attention.

5 FIRE FIGHTING MEASURES

Flash Point: 359°F

Flash Point Method: COC

Dry powder, foam, carbon dioxide. Use cold water spray to cool fire exposed containers to minimize risk of rupture. A solid stream of water directed into hot burning liquid could cause frothing. If possible, contain fire run off.

6 ACCIDENTAL RELEASE MEASURES

Spill: Remove all sources of flames, heating elements, gas engines, etc. Emergency clean-up personnel should wear chemical goggles, rubber or plastic gloves and clothing as required to protect against contact. Prevent spreading and contamination of surface waters and drinking supplies. Notify local health officials and other appropriate agencies if such contamination should occur.

Clean up: With adequate ventilation and appropriate personal protective equipment, cover the area with an inert absorbent material such as clay or vermiculite and transfer to steel waste containers. Ventilate area to remove the remaining vapors.

7 HANDLING AND STORAGE

Handling Precautions: Do not smoke or use naked lights, open flames, space heaters or other ignition sources near

pouring, frothing or spraying operations. If contamination with isocyanates is suspected, do not reseal containers. Special Emphasis for spray applications of mixed products containing isocyanates: Inspect the application area for potential to expose other persons or for overspray to drift onto buildings, vehicles or other property. When spraying building exteriors, persons entering or exiting the building as well as those inside could be exposed to polyisocyanates due to wind conditions, open windows or air intakes. Do not begin application work until these potential problems have been corrected.

Storage Requirements:

When stored between 60°-85° F in sealed containers, typical shelf life is 6 months or more from the date of manufacture. Open containers must be handled properly to prevent moisture pickup.

8	EXPOSURE CONTROLS/PERSONAL PROTECTION
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Engineering Controls:

All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94). Uses requiring heating and/or spraying may require more aggressive engineering controls or PPE.

Personal Protective Equipment:

HMIS PP, X | Consult your supervisor for special instructions

Personal protective equipment

Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Splash contact Material: butyl-rubber Minimum layer thickness: 0.3 mm Break through time: 30 min Material tested: Butoject (KCL 897 / Aldrich Z677647, Size M) data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374 If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Eye protection: Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and body protection: Complete suit protecting against chemicals, Flame retardant antistatic protective clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Proprietary polyol blend cas#:(0) [70-95%]

Contains no substance with occupational exposure limits

Carbon black cas#:(1333-86-4) [0-1%]

Components with workplace control parameters

TWA 3.5 mg/m3 USA. ACGIH Threshold Limit Values (TLV)

Not classifiable as a human carcinogen

TWA 3.5 mg/m3 USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000

TWA 3.5 mg/m3 USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants

TWA 3.5 mg/m3 USA. NIOSH Recommended Exposure Limits

TWA 0.1 mg/m3 USA. NIOSH Recommended Exposure Limits

Potential Occupational Carcinogen

Carbon black in presence of polycyclic aromatic hydrocarbons (PAHs)

See Appendix C

See Appendix A

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance: *Pigmented liquid.*

Physical State: *Liquid*

Odor: *Mild*

Spec Grav./Density: *9.06 lb/gallon*

Boiling Point: *>500°F*

Flammability: *None Flammable*

Flash Point: *359°F*

Vapor Density: *>1*

Evap. Rate: *<1*

Bulk Density: *9.34*

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STABILITY AND REACTIVITY

Reactivity: *No specific data*

Chemical Stability: *Product is stable under normal conditions.*

Conditions to Avoid: *No specific data*

Materials to Avoid: *No specific data*

Hazardous Decomposition: *Under normal storage conditions hazardous decomposition products should not be produced.*

Hazardous Polymerization: *Will not occur.*

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TOXICOLOGICAL INFORMATION

Proprietary polyol blend cas#:(0) [70-95%]

Finished product has not been tested.

Carbon black cas#:(1333-86-4) [0-1%]

Information on toxicological effects

Acute toxicity:

LD50 Oral - rat - male and female - > 8,000 mg/kg (OECD Test Guideline 401)

Inhalation: no data available

LD50 Dermal - rabbit - > 3,000 mg/kg

Skin corrosion/irritation: Skin - rabbit Result: No skin irritation - 24 h (OECD Test Guideline 404)

Serious eye damage/eye irritation: Eyes - rabbit Result: No eye irritation (OECD Test Guideline 405)

Respiratory or skin sensitisation: - guinea pig Result: Did not cause sensitisation on laboratory animals. (OECD Test

Guideline 406)

Germ cell mutagenicity: Ames test S. typhimurium Result: negative

**Hamster ovary
DNA repair rat - female**

Carcinogenicity:

Carcinogenicity - rat - Inhalation:

Tumorigenic: Carcinogenic by RTECS criteria. Lungs, Thorax, or Respiration: Tumors.

This product is or contains a component that has been reported to be possibly carcinogenic based on its IARC, ACGIH, NTP, or EPA classification.

Limited evidence of carcinogenicity in animal studies

IARC: 2B - Group 2B: Possibly carcinogenic to humans (Carbon black)

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: FF5800000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12	ECOLOGICAL INFORMATION
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Carbon black cas#:(1333-86-4) [0-1%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - Danio rerio (zebra fish) - > 1,000 mg/l - 96 h.

Toxicity to daphnia and static test EC50 - Daphnia magna (Water flea) - > 5,600 mg/l - 24 h.

other aquatic (OECD Test Guideline 202) invertebrates

Toxicity to algae static test EC50 - Desmodesmus subspicatus (green algae) - > 10,000 mg/l - 72 h (OECD Test Guideline 201)

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

13	DISPOSAL CONSIDERATIONS
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Disposal: Any disposal practice must be in compliance with all federal, state and local laws and regulations. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Waste characterization and disposal compliance are the responsibility solely of the party generating the waste or deciding to discard or dispose of the material.

Do not allow material to enter sewers, a body of water, or contact the ground. Refer to RCRA 40 CFR 261, and/or any other appropriate federal, state or local requirements for proper classification information.

14	TRANSPORT INFORMATION
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Non DOT/Non RCRA regulated

15	REGULATORY INFORMATION
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Component (CAS#) [%] - CODES

Proprietary polyol blend (0) [70-95%] IARC

1,3-Benzenediamine, 4-methyl-2,6-bis(methylthio)- (102093-68-5) [5-25%] TSCA

Titanium dioxide (13463-67-7) [0-4%] IARC, MASS, OSHAWAC, PA, TSCA, TXAIR

Carbon black (1333-86-4) [0-1%] IARC, MASS, OSHAWAC, PA, TSCA, TXAIR

Regulatory CODE Descriptions

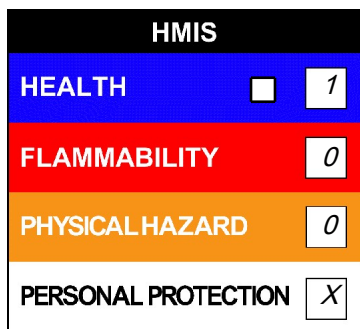
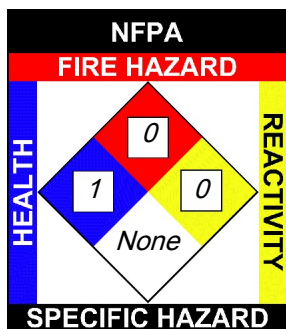
IARC = IARC Carcinogen Risks
TSCA = Toxic Substances Control Act
MASS = MA Massachusetts Hazardous Substances List
OSHA = OSHA workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
TXAIR = TX Air Contaminants with Health Effects Screening Level

16	OTHER INFORMATION
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NFPA: Health = 1, Fire = 0, Reactivity = 0, Specific Hazard = None

HMIS III: Health = 1, Fire = 0, Physical Hazard = 0

HMIS PPE: X - Consult your supervisor for special instructions



Disclaimer:

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