

Chico® SpeedSeal™ Sealing Compound (Chico SS2 & Chico SS6)

SAFETY DATA SHEET

IF 1783

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

SECTION 1: PRODUCT & COMPANY IDENTIFICATION

1.1 Product Identifier: **Product Name:** Polyol – CHICO Speedseal (SS2 & SS6)
Substance Name: Urethane Polyol
CAS EC Number: Mixture, see section 3
Other means of identification: Not applicable

1.2 Relevant Identified Uses of the Substance or mixture and Uses Advised Against Recommended Identified Use(s):
Part 2 of a two-part rigid polyethylene foam industrial sealant.

Uses Advised Against: Non-industrial applications
Initial Supplier Identifier: Eaton's Crouse-Hinds Division
1201 Wolf Street
Syracuse, NY 13208 USA
(315) 477-7000
Telephone: CHEMTREC (800) 424-9300
Emergency Phone: (703) 741-5500 (international)

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P364 Take off contaminated clothing and wash before reuse.
P337+P313 If eye irritation persists, get medical advice/attention.
P312 Call a POISON CENTER/doctor if you feel unwell.
P330 Rinse mouth.

Storage:
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.

Disposal:
P501 Dispose of contents/container to an approved landfill (in accordance with local/regional/national/international regulations).

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Mixture: This product is a hazardous product as defined by 29 CFR 1910.1200. Hazards identified are based on hazards of the ingredients. This product has not been fully tested.

2.2 Label Elements

Hazard Pictograms



Signal Word: WARNING

Hazard Statements:

H302 Harmful if swallowed
H315 Causes skin irritation
H318 Causes serious eye irritation
H371 May cause damage to organs
H351 Suspected of causing cancer
H361 Suspected of damaging fertility or the unborn child
H412 Harmful to aquatic life with long lasting effects

Precautionary Statements:

Prevention:

P201 Obtain special instructions before use
P202 Do not handle until all safety precautions have been read and understood
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P264 Wash hands and exposed skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P308+P313 If exposed or concerned: Get medical advice/attention.
P301+P312 IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P302+P352 IF ON SKIN: Wash with plenty of soap and water. Specific treatment: see first aid instructions on label.

GHS Classification:

Skin irritant	Category 2
Eye irritant	Category 2
Acute toxicity, Oral	Category 4
Specific target organ toxicity, single exposure	Category 3
Reproductive toxicity	Category 2
Carcinogen	Category 2
Aquatic chronic	Category 3

2.3 Other Hazards: None known.

Relevant routes of exposure: Skin contact, eye contact.

Inhalation: May cause irritation. Fumes produced at elevated temperatures may have harmful effects.

Skin contact: May cause mild irritation.

Eye contact: May cause mild irritation.

Ingestion: None known

Existing conditions aggravated by exposure: None known.

Note: When reacted, this product is a portion of a 2-part rigid polyurethane foam. MDI and Polyol are supplied in separate plastic compartments in a closed plastic container. The barrier between the two substances is broken before dispersion. Contact with unreacted MDI is not expected under normal working conditions.

Potential Environmental Effects

Contains Triethylenediamine, which is harmful to aquatic life.

SECTION 3 COMPOSITION AND INFORMATION ON INGREDIENTS

Component	CAS #	%	Classification	Specific Conc. Limits, M-factors and ATE
Melamine	108-78-1	30-60%	Repr. 2	None
Triethylenediamine (Synonym 1,4-diazabicyclooctane)	280-57-9	0.1 1%	Skin Irrit. 2 Acute Tox. 4 Flam. Sol. 1 Eye Irrit. 2 Eye Dam. 1 STOT SE 3 Aquatic Chronic 3	None
Carbon black	1333-86-4	0 - ≤0.1%	Carc. 2	None

SECTION 4 FIRST AID MEASURES

4.1 Description of First Aid Measures

Following Inhalation: Supply fresh air or oxygen; call for doctor.

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

Following Skin Contact: Immediately wash with water and soap and rinse thoroughly.

Following Eye Contact: Rinse opened eye for 20 minutes under running water. If eye becomes irritated, obtain medical treatment.

Following Ingestion: DO NOT INDUCE VOMITING. Seek medical advice.

Self-Protection Of the First Aider: Keep contamination off skin and do not breathe vapors. Wear personal protective equipment in Section 8.

4.2 Most Important Symptoms and Effects: Mild skin and eye irritation.

4.3 Indication of Immediate Medical Attention and Special Treatment Needed: None known.

SECTION 5 FIRE FIGHTING MEASURES

5.1 Extinguishing Media:

Suitable Extinguishing Media: Carbon dioxide, extinguishing powder or water fog.

Unsuitable Extinguishing Media: Water spray is not suitable if it will come in contact with Part 2 of this 2-part product (refer to SpeedSeal Part 1 SDS).

5.2 Specific Hazards Arising from the Chemical: None known.

5.3 Advice for Firefighters: Use firefighting measures that suit the environment. Firefighters should wear a NIOSH-approved, full-face piece self-contained breathing apparatus (SCBA) operated in positive pressure mode and full turnout gear with additional chemical protective clothing as necessary to prevent exposure to hazardous decomposition products. Thermal decomposition will produce carbon oxides, nitrogen oxides, ammonia, and toxic hydrogen cyanide.

Section 6 Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures For Non-emergency Personnel: Keep unnecessary and unprotected personnel from entering. Do not touch or walk-through spilled material. Provide adequate ventilation. Wear appropriate respirator if ventilation is inadequate. Put on appropriate personal protective equipment. See Section 8 for appropriate personal protective equipment.

For Emergency Responders: If specialized clothing is required to deal with the spillage, take note of information in Section 8 on suitable and unsuitable materials. See also the information in "For nonemergency personnel."

Personal Protection: Wear protective equipment appropriate for the level of exposure. Keep unprotected persons away.

Emergency Procedures: Isolate the hazard and deny entry to unnecessary and unprotected personnel. Avoid prolonged skin contact.

6.2 Environmental Precautions:

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers. Ensure adequate ventilation. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air).

6.3 Methods and Materials for Containment and Cleaning Up

Small Spill: Isolate the spill and deny entry to unnecessary and unprotected personnel. Absorb with liquid-binding material (sand, diatomaceous earth, acid absorbent, universal absorbent, or sawdust). Dispose of contaminated material as waste in accordance with national and local regulations. Do not walk through or otherwise scatter spilled material.

Large Spill: Follow instructions for small spill.

SECTION 7 HANDLING AND STORAGE

7.1 Precautions for Safe Handling:

Do not open cans or outer foil bag until ready to use. Avoid contact with skin, eyes, and clothing. Do not breathe vapors or mists. Wash thoroughly after handling and before meals, breaks, and smoking. Do not eat, drink, or smoke in work and storage areas. Do not store food, cosmetics, cigarettes or other personal items in storage and use areas. Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols. Use only in well ventilated areas.

Advice on General Occupational Hygiene: Routine occupational hygiene measures for industrial areas should be followed. Do not eat, drink, or smoke in areas where this material is handled, stored, and processed. Employees must wash hands and face before eating, drinking, or smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also section 8 for additional information on hygiene measures.

7.2 Conditions for Safe Storage Including any Incompatibilities:

Store in a well-ventilated area. Keep containers well closed. Protect from humidity and water. Because this material is incompatible with oxidizers, it should be stored away from oxidizing agents.

7.3 Specific End Uses: Use only as part 2 of a two-part rigid polyethylene foam industrial sealant.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control Parameters

Component	Exposure Limit 8-hr TWA	Authority
Carbon black*	3.5 mg/m ³	OSHA
	3.5 mg/m ³ *	NIOSH

*In presence of PAHs: limit PAHs to 0.1 mg/m³TWA (detected as cyclohexane soluble extract).

Recommended Monitoring Procedures: Workplace atmosphere monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to the national authority's monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

8.2 Exposure Controls

Appropriate Engineering Controls/Ventilation: Local exhaust ventilation used in combination with general ventilation as necessary to control air contaminants to at or below acceptable exposure guidelines.

Eye Protection: Wear safety glasses with side shields or protective goggles.

Respiratory Protection: Under normal working conditions with airborne exposures below acceptable exposure guidelines, none required.

Skin Protection: Wear neoprene, PVC, butyl rubber, chloroprene rubber, or nitrile rubber gloves. Follow glove manufacturer's instructions on selection, use, and break-through time.

Body Protection: Laminated or nonwoven apron or coverall should be worn in accordance with manufacturer's instructions. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Environmental Exposure Controls: Store product in original containers. Keep containers closed. Quickly contain and clean-up spillage.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties

Color: Gray

Physical form: Liquid

Odor: Characteristic

Odor Threshold: No data

pH (undiluted): Not applicable

Melting Point: No data

Initial Boiling Point: No data

Flash Point: > 163 C

Evaporation Rate: No data

Relative Density: 1.11 g/ml

Solubility: Partially soluble

Partition Coefficient: No data

Auto-ignition Temperature: No data

Decomposition Temperature: No data

Viscosity: No data

Flammability (solid, gas): Not applicable

Lower Explosive Limit: Not established

Upper Explosive Limit: Not established

Vapor Pressure: No data

Vapor Density: no data

SECTION 10 STABILITY AND REACTIVITY

10.1 Reactivity

Possibility of Hazardous Reactions: Not known.

Oxidizing Properties: None known.

10.2 Chemical Stability

Stable under normal use and storage conditions.

10.3 Possibility of Hazardous Reactions

Not known.

10.4 Conditions to Avoid

Temperatures above 300 °F.

Hazardous polymerization: Will not occur.

10.5 Incompatible Materials

Avoid strong oxidizers, water or moisture.

10.6 Hazardous Decomposition Products

Carbon monoxide and carbon dioxide, silicon oxides, and formaldehyde.

SECTION 11 TOXICOLOGICAL INFORMATION

11.1. Information on Hazard Classes

Information on Toxicological Effects

Acute Toxicity: Information available on component ingredients. No data available on the mixture.

Ingredient	Result	Species	Dose	Exposure Time
Melamine	LD50 Oral	Rat	3161 mg/kg ¹	Unknown
	LD50 Oral	Rabbit	>1 g/kg ¹	Unknown
Triethylenediamine	LD50 Oral	Rat	1700 mg/kg ²	Unknown
	LD50 Oral	Rabbit	1100 mg/kg ²	Unknown
	ATE	—	300-2000 ³	Unknown
Carbon black	LD50 Oral	Rat	> 5 mg/kg ⁴	Unknown

1 PubChem, 2019

2 PubChem, 2004

3 According to Table 3.1.1 of European Union Regulation (EC) No 1272/2008

4 PubChem, 2004

Delayed and chronic effects:

Carcinogenicity:

Ingredient	IARC Group	REACH
Melamine	2B	Not listed
Triethylenediamine	Not listed	Not listed
Carbon black	2B	Category 2

IARC Classifications

Group 1: Carcinogenic to humans

Group 2A: Probably carcinogenic to humans

Group 2B: Possibly carcinogenic to humans

Group 3: Not classifiable as to its carcinogenicity to humans

Data provided by supplier of the product: Carbon Black is bound within the liquid matrix and not contribute to carcinogenicity.

Mutagenicity: No data is available for this material.

Reproductive toxicity: Contains melamine, which is suspected of causing reproductive toxicity.

Sensitization: None known.

Information on the Likely Routes of Exposure

Potential acute health effects

Eye contact: May cause eye irritation

Inhalation: Inhalation may cause irritation. Fumes produced at elevated temperatures may have harmful effects.

Skin contact: May cause skin irritation

Overexposure Signs/Symptoms

Eye contact: Irritation

Inhalation: Respiratory tract irritation

Skin contact: Irritation

Ingestion: Not known

Delayed and immediate effects from short and long term exposure

There are no data available on the mixture itself. This product contains isocyanates which can cause allergic reactions. The risk of cancer depends on the duration and level of exposure.

Potential Chronic Health Effects

General:

Carcinogenicity: May cause cancer. Risk of cancer depends on duration and level of exposure

Mutagenicity: No known effects

Reproductive toxicity: May cause reproductive toxicity

Sensitization: No known effects.

Signs and symptoms of overexposure:

If Inhaled: Inhalation may cause respiratory tract irritation.

If Ingested: No known effects.

If on Skin or Eyes: May cause eye skin irritation.

SECTION 12 ECOLOGICAL INFORMATION

12.1 Toxicity: No data available.

12.2 Persistence and degradability: No data available.

12.3 Bioaccumulative potential: No data available.

12.4 Mobility in soil: Soil/water partition coefficient: Soil/water partition coefficient: No data available

12.5 Results of PBT and vPvB assessment: No data available.

12.6 Endocrine Disrupting Effects: No data available.

12.7: Additional Information

Chemical Fate Information: No data available.

SECTION 13 DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Recycle, reclaim, or dispose of contents/container to an approved landfill in accordance with local, regional, national, international regulations. Do not discard into any sewers, on the ground, or into any body of water. It is the responsibility of the waste generator to determine the proper waste identification and disposal methods.

SECTION 14 TRANSPORTATION INFORMATION

14.1 UN Number or ID Number: None

14.2 UN Proper Shipping Name: None

14.3 Transport Hazard Classes: None

14.4 Packing Group: None

14.5 Environmental Hazards: None

14.6 Special Precautions for User: None

14.7 Marine Transport in Bulk According to IMO Instruments: None

Other Information

US Department of Transportation: Not regulated.

IMO/IMDG: Not regulated.

ICAO/IATA: Not regulated.

SECTION 15 REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

All ingredients in Section 3 are on the TSCA inventory.

SECTION 16 OTHER INFORMATION

Revision Number: Revision 5US

Revision Date: 25 April 2022

Abbreviations

ATE	Acute toxicity estimate
C	Concentration
CAS	Chemical Abstracts Service
EC	European Commission (European Union)
GHS	Globally Harmonized System
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMO	International Maritime Organization
LC50	Lethal concentration to 50% of exposed laboratory animals
LD50	Lethal dose to 50% of exposed laboratory animals
MDI	Methylene diphenyl isocyanate
NA	Not available
NIOSH	US National Institute of Occupational Safety and Health
NOEC	No observed effect concentration
NTP	US National Toxicology Program
PBT	Persistent, Bioaccumulative, Toxic
PEL	Permissible exposure limit
ppm	Parts per million
RE	Repeat exposure
STEL	Short term exposure limit
STOT	Specific target organ toxicity
TWA	Time weighted average
UN	United Nations

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