



CPR Seam Sealer TG

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision Date: N/A

Date of Issue: 01/02/2014

Version: 1.0

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: CPR Seam Sealer TG

Product Code: 5306

Intended Use of the Product

For industrial use only. Do not take internally.

Name, Address, and Telephone of the Responsible Party

Manufacturer

The Garland Company, Inc.
3800 East 91st Street
Cleveland, Ohio 44105-2197
T-800-762-8225
F-216-641-0633
www.garlandco.com

Supplier

The Garland Company, Inc.
3800 East 91st Street
Cleveland, Ohio 44105-2197
T-800-762-8225
F-216-641-0633

The Garland Company, Inc.
209 Carrier Drive
Toronto, Ontario M9W 5Y8
T-416-747-7995 800-387-5991
F-416-747-1980

Emergency Telephone Number

Emergency Number: 1-800-262-8200 (CHEMTREC)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US)

Eye Irrit. 2B H320
Skin Irrit. 2 H315
Asp. Haz. 1 H304
Carc. 1B H350
STOT SE 3 H335

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)



Signal Word (GHS-US)

: Danger

Hazard Statements (GHS-US)

: H227 – Combustible liquid.
H304 – May be fatal if swallowed and enters airways.
H315 – Causes skin irritation.
H320 – Causes eye irritation.
H336 – May cause drowsiness or dizziness.
H319 – Causes serious eye irritation.
H350 – May cause cancer.

Precautionary Statements (GHS-US)

: P210 – Keep away from heat/sparks/open flames/hot surfaces. – no smoking.
P233 – Keep container tightly closed.
P242 – Use only non-sparking tools.
P261 – Avoid breathing vapors.
P264 – Wash hands, forearms, and other exposed areas thoroughly after handling.
P270 – Do not eat, drink or smoke when using this product.
P280 – Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310+P331 – IF SWALLOWED, immediately call a doctor. Do NOT induce vomiting.
P303+P361+P352 – IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Wash with soap and water.
P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P403+P233 – Store in a well-ventilated place. Keep container tightly closed.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not available

CPR Seam Sealer TG

Safety Data Sheet

According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations

Revision Date: N/A

Date of issue: 01/02/2014

Mixture

Name	Product identifier	% (w/w)	Classification (GHS-US)
Calcium Carbonate	(CAS No) 1317-65-3	30.8	Eye Dam. 1, H318 Skin Irrit. 2, H315 STOT SE 3, H335
Hydrocarbon Resin	(CAS No) 68441-37-2	23.3	Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Stoddard Solvent	(CAS No) 8052-41-3	18.8	Flam. Liq. 3, H226 Muta. 1B, H340 Carc. 1B, H350 Asp. Tox. 1, H304
Styrene Copolymer	(CAS No) 66070-58-4	9.2	
Solvent Naphtha, petroleum, light aromatic	(CAS No) 64742-95-6	6.0	Asp. Tox. 1, H304 Carc. 1B, H350 Aquat. Chronic 2, H411
Distillates, petroleum, hydrotreated middle	(CAS No) 64742-46-7	5.0	Carc. 1B, H350 Aquat. Chronic 2, H411
Titanium Dioxide	(CAS No) 13463-67-7	2.0	Skin Irrit., H315

Full text of H-Phrases: See Section 16

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). IF exposed or concerned: Get medical advice/attention.

First-aid Measures After Inhalation: This material has a low vapor pressure and is not expected to present an inhalation exposure problem under ambient conditions. If vapor or mist is generated when the material is heated or handled, remove the victim from exposure. If breathing has stopped or is irregular, administer artificial respiration and supply oxygen if it is available. If victim is unconscious, remove to fresh air and seek immediate medical attention.

First-aid Measures After Skin Contact: Remove contaminated clothing including shoes and wash before reuse. In case of contact, wash off immediately with soap and plenty of water. If redness or irritation occurs seek medical attention.

First-aid Measures After Eye Contact: Immediately flush eyes with copious amounts of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Remove contact lenses, if present and easy to do. If irritation persists seek medical attention.

First-aid Measures After Ingestion: DO NOT INDUCE VOMITING. Product contains hydrocarbon solvents which may cause serious damage if aspirated into the lungs. Summon immediate medical help.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Foam, chemical extinguishers, carbon dioxide. Water spray may be used to cool fire exposed containers and surfaces.

Unsuitable Extinguishing Media: Water as the extinguishing medium may only lead to spreading of the fire.

Special Hazards Arising From the Substance or Mixture

Fire Hazard: This product does not ignite easily.

Explosion Hazard: Combustible.

Reactivity: Not reactive under normal conditions

Advice for Firefighters

Protection During Firefighting: Respiratory and eye protection required for fire-fighting personnel. Full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA) should be used for all indoor fires and any significant outdoor fires. For small outdoor fires, which may be easily extinguished with a portable fire extinguisher, use of an SCBA may not be required.

Reference to Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

CPR Seam Sealer TG

Safety Data Sheet

According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations

Revision Date: N/A

Date of issue: 01/02/2014

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid breathing vapors, mist, or gas. Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Slippery, can cause falls if walked on.

Environmental Precautions

Remove all sources of ignition. Do not let product enter drains or sewer.

Methods and Material for Containment and Cleaning Up

Small Spillage: Wipe up small spills and place wipers in an approved disposal container.

Large Spillage: Contain and recover liquid when possible. Do not let product enter drains. Add absorbent materials to large spills and scoop into approved disposal containers. Do not use combustible materials such as sawdust. Wash or steam clean the area of spill. Do not flush to sewer.

Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Precautions for Safe Handling: Wear personal protective equipment as specified in Section 8. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not breathe vapors or spray mist. Avoid contact with skin and eyes. Loosen container closure cautiously before opening. Wash contaminated work clothing before re-use.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions: Protect against physical damage. Keep container tightly closed in a dry and well-ventilated location at ambient temperature and atmospheric pressure away from incompatible materials.

Incompatible Materials: Strong oxidizing agents. Strong acids.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Stoddard Solvent (8052-41-3)		
USA ACGIH	ACGIH TWA (mg/m ³)	525 mg/m ³
USA OSHA	OSHA PEL (TWA) (mg/m ³)	2900 mg/m ³
Mexico	OEL TWA (ppm)	100 ppm
Mexico	OEL STEL (ppm)	200 ppm
Ontario	OEL TWA (ppm)	100 ppm

Titanium Dioxide (13463-67-7)		
USA ACGIH	ACHIH TWA (mg/m ³)	10 mg/m ³
USA OSHA	OSHA PEL (TWA) (mg/m ³)	15 mg/m ³
USA IDLH	US IDLH (mg/m ³)	5000 mg/m ³
Mexico	OEL TWA (mg/m ³)	10 mg/m ³
Mexico	OEL STEL (mg/m ³)	20 mg/m ³
Ontario	OEL TWA (mg/m ³)	10 mg/m ³

Solvent Naphtha, petroleum, light aromatic (64742-95-6)		
USA OSHA	OSHA PEL (TWA) (mg/m ³)	2000 mg/m ³
Mexico	OEL TWA (mg/m ³)	5 mg/m ³
Mexico	OEL STEL (mg/m ³)	10 mg/m ³
Ontario	OEL TWA (mg/m ³)	5 mg/m ³
Ontario	OEL STEL (mg/m ³)	10 mg/m ³

Distillates, petroleum, hydrotreated middle (64742-46-7)		
USA OSHA	OSHA PEL (TWA) (mg/m ³)	2000 mg/m ³

Exposure Controls

Appropriate Engineering Controls: A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

Personal Protective Equipment: Maintain adequate ventilation. A respirator is not normally required. In case of insufficient

CPR Seam Sealer TG

Safety Data Sheet

According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations

Revision Date: N/A

Date of issue: 01/02/2014

ventilation, wear a positive-pressure supplied-air respirator.



Hand Protection: Protective gloves.

Eye Protection: Use chemical safety goggles and/or full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

Skin and Body Protection: Protective gloves should be worn for prolonged or repeated contact. Protective crème may be useful when repeated skin contact is expected.

Other Information: When using, do not eat, drink, or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Colored, viscous
Odor	: Faint oily odor
Odor Threshold	: Not available
pH	: Not available
Relative Evaporation Rate (butyl acetate = 1)	: Not available
Melting Point	: Not available
Freezing Point	: Not available
Boiling Point	: 149 - 199°C (300 - 390°F)
Flash Point	: 37.8 – 48.9°C (100 - 120°F) ASTM D93
Auto-ignition Temperature	: Not available
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Combustible
Lower Flammable Limit	: 0.8% (solvent)
Upper Flammable Limit	: 5.0% (solvent)
Vapor Pressure	: < 10 mm Hg
Relative Vapor Density at 68°F (20°C)	: > 1 (Air = 1)
Relative Density	: Lighter than water
Specific Gravity	: Not available
Solubility	: Insoluble
Partition coefficient: n-octanol/water	: Not available
Viscosity	: Viscous liquid
Explosion Data – Sensitivity to Mechanical Impact	: Not available
Explosion Data – Sensitivity to Static Discharge	: Not available
Volatile Organic Compounds	: Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Stable under ordinary conditions of use and storage.

Chemical Stability: Stable under ordinary conditions of use and storage.

Possibility of Hazardous Reactions: See Incompatible Materials.

Conditions to Avoid: Keep away from heat/sparks/open flames/hot surfaces.

Incompatible Materials: Strong oxidizing agents. Strong acids.

Hazardous Decomposition Products: When burning under conditions of restricted air there is a possibility of the generation of toxic gases (carbon monoxide, carbon dioxide, and oxides of nitrogen).

SECTION 11: TOXICOLOGICAL INFORMATION

Information On Toxicological Effects - Product

Acute Toxicity: Not classified

LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Frequent or prolonged contact with the skin may cause temporary irritation or dermatitis.

Serious Eye Damage: May cause severe irritation of the eye, leading to burns if not immediately treated.

Respiratory or Skin Sensitization: Not available.

Germ Cell Mutagenicity: Data not available.

Teratogenicity: Not available

Carcinogenicity: Not available.

CPR Seam Sealer TG

Safety Data Sheet

According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations

Revision Date: N/A

Date of issue: 01/02/2014

Specific Target Organ Toxicity (Repeated Exposure): Not available

Reproductive Toxicity: Not available

Aspiration Hazard: Product contains hydrocarbon solvents which may cause serious damage if aspirated into the lungs. Summon immediate medical help.

Specific Target Organ Toxicity (Single Exposure): Not classified

Symptoms/Injuries After Inhalation: Excessive inhalation of the concentrated vapors from this product may cause headache, coughing, breathing difficulty, convulsions, shock, severe irritation of the mucous membranes and severe lung congestion. May cause drowsiness or dizziness.

Symptoms/Injuries After Skin Contact: Temporary irritation or dermatitis.

Symptoms/Injuries After Eye Contact: Contact with eye could cause tearing, reddening, and swelling. If left untreated, corneal damage can occur, and injury is slow to heal.

Symptoms/Injuries After Ingestion: Local irritation of the mucous membranes of the mouth, esophagus and stomach. May act as laxative.

Chronic Symptoms: Not available

Information on Toxicological Effects – Ingredient(s)

LD50 and LC50 Data

Stoddard Solvent (8052-41-3)	
LD50 Oral Rat	20,000 mg/kg
LD50 Dermal Rabbit	3,900 mg/kg
LC50 Inhalation Rat	11,000 mg/kg

Solvent Naphtha, petroleum, light aromatic (64742-95-6)	
LD50 Dermal Rabbit	> 5,000 mg/kg
LC50 Inhalation Rat	3,670 ppm (Exposure time: 4 h)

Distillates, petroleum, hydrotreated middle (64742-46-7)	
LD50 Oral Rat	18.8 mg/L (Exposure time: 1 h)
LD50 Dermal Rabbit	> 2,000 mg/kg
LC50 Inhalation Rat	> 5,000 mg/m ³

Carcinogenicity Data:

Titanium Dioxide (13463-67-7)	
IARC Group	2B

SECTION 12: ECOLOGICAL INFORMATION

Toxicity – Mixture

This material has not been tested for environmental effects.

Toxicity - Ingredients

Solvent Naphtha, petroleum, light aromatics (64742-95-6)	
LL50 Fish 1	9.2 mg/L (Exposure time: 96 h – Species: Oncorhynchus mykiss)
EL50 Daphnia 1	3.2 mg/L (Exposure time: 48 h – Species: Ceriodaphnia dubai)
EL50 Other Aquatic Organisms 1	2.6 – 2.9 mg/L (Exposure time: 72 h – Species: Green alga)

Distillates, petroleum, hydrotreated middle (64742-46-7)	
LC50 Fish 1	3.2 - 65 mg/L (Acute)
EL50 Daphnia 1	2.0 - 210 mg/L (Exposure time: 7 d – Species: Daphnia magna)

Solvent Naphtha, petroleum, light aromatic (84742-95-6)	
LC50 Fish 1	9.22 mg/L (Exposure time: 96 h – Species: Oncorhynchus mykiss)
EC50 Daphnia 1	6.14 mg/L (Exposure time: 48 h – Species: Daphnia magna)

Persistence and Degradability

Not established

Bioaccumulative Potential – Product

Not established

Bioaccumulative Potential – Ingredients

Not established

Mobility in Soil

CPR Seam Sealer TG

Safety Data Sheet

According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations

Revision Date: N/A

Date of issue: 01/02/2014

No additional information available

Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations. Processing, use, or contamination of this product may change the waste management options. Empty containers may retain hazardous properties. Containers must not be used for other purposes.

Additional Information: Prevent runoff from entering drains, sewers, or waterways.

SECTION 14: TRANSPORT INFORMATION

In Accordance with DOT

Special Instructions : Non-Regulated Material per 49 CFR 173.150(f)
Proper Shipping Name : Coating Solution
Hazard Class : 3
Identification Number : UN1139
Packing Group : III

In Accordance with IMDG

Proper Shipping Name : Coating Solution
Hazard Class : 3
Identification Number : UN1139
Packing Group : III



In Accordance with IATA

Proper Shipping Name : Flammable Liquid, N.O.S.
Hazard Class : 3
Identification Number : UN1139
Packing Group : III
Marine Pollutant : Yes



In Accordance with TDG

Proper Shipping Name : Flammable Liquid, N.O.S.
Hazard Class : 3
Identification Number : UN1993
Packing Group : III
Marine Pollutant : Yes



SECTION 15: REGULATORY INFORMATION

US Federal Regulations

Calcium Carbonate (1317-65-3)

Listed on the United States TSCA (Toxic Substances Control Act) Inventory

Hydrocarbon Resin (68441-37-2)

Listed on the United States TSCA (Toxic Substances Control Act) Inventory

Stoddard Solvent (8052-41-3)

Listed on the United States TSCA (Toxic Substances Control Act) Inventory

Listed on SARA Section 313 (Specific toxic chemical listings)

SARA Section 313 – Emission Reporting	18.8%
--	-------

Styrene Copolymer (66070-58-4)

Listed on the United States TSCA (Toxic Substances Control Act) Inventory

Solvent Naphtha, petroleum, light aromatic (64742-95-6)

Listed on the United States TSCA (Toxic Substances Control Act) Inventory

Listed on SARA Section 313 (Specific toxic chemical listings)

SARA Section 313 – Emission Reporting	6.0%
--	------

Distillates, petroleum, hydrotreated middle (64742-46-7)

Listed on the United States TSCA (Toxic Substances Control Act) Inventory

CPR Seam Sealer TG

Safety Data Sheet

According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations

Revision Date: N/A

Date of issue: 01/02/2014

Titanium Dioxide (13463-67-7)

Listed on the United States TSCA (Toxic Substances Control Act) Inventory

US State Regulations

Stoddard Solvent (8052-41-3)

RTK – U.S. – Massachusetts – Right To Know List

RTK – U.S. – New Jersey – Right To Know Hazardous Substance List

RTK – U.S. – Pennsylvania – RTK (Right To Know) List

Distillates, petroleum, hydrotreated middle (64742-46-7)

RTK – U.S. – New Jersey – Right To Know Hazardous Substance List

RTK – U.S. – Pennsylvania – RTK (Right To Know) List

Titanium Dioxide (13463-67-7)

RTK – U.S. – Massachusetts – Right To Know List

RTK – U.S. – New Jersey – Right To Know Hazardous Substance List

RTK – U.S. – Pennsylvania – RTK (Right To Know) List

Titanium Dioxide (13463-67-7)

U.S. – California – Proposition 65 – Carcinogens List

WARNING: This product contains chemicals known to the state of California to cause cancer.

Canadian Regulations

CPR Seam Sealer TG

WHMIS Classification

Class B Division 3 – Combustible liquid

Class D Division 2 Subdivision B – Toxic material



Calcium Carbonate (1317-65-3)

Listed on the Canadian DSL (Domestic Substances List) Inventory

Hydrocarbon Resin (68441-37-2)

Listed on the Canadian DSL (Domestic Substances List) Inventory

Stoddard Solvent (8052-41-3)

Listed on the Canadian DSL (Domestic Substances List) Inventory

Styrene Copolymer (66070-58-4)

Listed on the Canadian DSL (Domestic Substances List) Inventory

Solvent Naphtha, petroleum, light aromatic (64742-95-6)

Listed on the Canadian DSL (Domestic Substances List) Inventory

Distillates, petroleum, hydrotreated middle (64742-46-7)

Listed on the Canadian DSL (Domestic Substances List) Inventory

Titanium Dioxide (64742-46-7)

Listed on the Canadian DSL (Domestic Substances List) Inventory

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date : 01/02/2014

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

CPR Seam Sealer TG

Safety Data Sheet

According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations

Revision Date: N/A

Date of issue: 01/02/2014

Aquat. Chronic 2	Hazardous to the aquatic environment – Chronic Hazard Category 2
Asp. Tox. 1	Aspiration hazard Category 1
Carc. 1B	Carcinogenicity Category 1B
Eye Dam. 1	Serious eye damage Category 1
Eye Irrit. 2A	Serious eye irritation Category 2A
Flam. Liq. 3	Flammable liquids Category 3
Muta. 1B	Germ cell mutagenicity Category 1B
Skin Irrit. 2	Skin irritant Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3

Party Responsible for the Preparation of This Document

The Garland Company, Inc.
3800 East 91st Street
Cleveland, Ohio 44105-2197
T-800-762-8225

This information is based on our knowledge as of the Revision Date and is intended to describe the product only for the purposes of health, safety, and environmental requirements as of the Revision Date. It should not therefore be construed as guaranteeing any specific property of the product nor as providing any warranty, expressed or implied. The user assumes all responsibility, liability, risk of loss, damage, or expense arising out of, or in any way connected with, the handling, storage, use, or disposal of the product.

North America GHS US 2012 & WHMIS