



COATLOK POLYUREA MEMBRANE

SAFETY DATA SHEET

Compliant SDS for GHS: HazCom 2012 / United States; WHMIS 2015 / Canada.

SECTION 1: IDENTIFICATION

Supplier / Manufacturer: Huntsman Building Solutions 3315 Arlington, TX 76011 Phone: 817-640-4900 E-mail: info@huntsmanbuilds.com Website: www.huntsmanbuildingsolutions.com	Supplier / Manufacturer: Huntsman Building Solutions 870 Cure-Boivin, Boisbriand, QC J7G 2A7 Phone: 866-437-0223 E-mail: infoCanada@huntsmanbuilds.com Website: www.huntsmanbuildingsolutions.ca	GHS Product Identifier: Polyurea membranes. Chemical Name: Polyurea Elastomer. Product type: Solid. Identified Use: Coating membranes.
Emergency Telephone (24/7): In Canada: CANUTEC 613-996-6666 or *666 (cellular) (24/7) In USA: CHEMTREC 800-424-9300		

SECTION 2: HAZARDS IDENTIFICATION

OSHA / HCS Status	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
Classification of the Substance or Mixture	Not classified.
GHS LABEL ELEMENTS INCLUDING PRECAUTIONARY STATEMENTS	
Hazard Pictograms	None.
Signal Word	No signal word.
Hazard Statements	No hazard statement.
PRECAUTIONARY STATEMENTS	
Prevention	Not applicable.
Response	Not applicable.
Storage	Not applicable.
Disposal	Not applicable.
HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)	
Physical Hazards Not Otherwise Classified (PHNOC)	None known.
Health Hazards Not Otherwise Classified (HHNOC)	None known.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance/Mixture	Substance.	
Chemical Name	Polyurea Elastomer.	
CAS NUMBER/OTHER IDENTIFIERS		
CAS Number	Not applicable.	
Product Code	Not available.	
INGREDIENTS	CAS #	%
Polyurea Elastomer.	N/A	100

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: FIRST AID MEASURES**DESCRIPTION OF NECESSARY FIRST AID MEASURES**

Eye Contact (dust)	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation (dust)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin Contact (dust)	Flush contaminated skin with plenty of water. Get medical attention if symptoms occur.
Ingestion (dust)	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED**POTENTIAL ACUTE HEALTH EFFECTS**

General information	Exposure to hazardous substances is not expected when handling this product for its intended use. The product is essentially inert with low oral and dermal toxicity. In some workplaces, operations with this product may lead to generation of dust. Exposure to dusts may have occupational health hazards.
Eye Contact	Dust may cause mechanical irritation to eyes.
Inhalation	Dust may cause mechanical irritation to respiratory system.
Skin Contact	Dust may cause mechanical irritation to skin.
Ingestion	Dust may cause choking if swallowed.

OVER-EXPOSURE SIGNS/SYMPTOMS

Eye Contact	No known significant effects or critical hazards.
Inhalation	No known significant effects or critical hazards.
Skin Contact	No known significant effects or critical hazards.
Ingestion	No known significant effects or critical hazards.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY

Notes to Physician	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific Treatments	No specific treatment.
Protection of First-aiders	No special protection is required.

See toxicological information (Section 11)

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Use water, dry chemical, carbon dioxide or chemical foam.
Unsuitable Extinguishing Media	None known.
Specific Hazards Arising from the Chemical	During a fire, burning may generate: carbon monoxide, carbon dioxide, hydrogen halides, phosphorus oxide and possible traces of hydrogen cyanide and nitrogen oxides. Burning of large volumes of membrane can produce dense clouds of thick, black smoke, which can make it difficult to escape from the fire area. Overheating can produce a hot, semi-liquid melt, which can produce contact blisters and release toxic and/or flammable gases or vapours. Product may tend to melt while burning which could spread the fire. Beware of smoldering re-ignition. After extinguishing, soak completely, tear or cut membrane apart and remove burned material to a safe outdoor area. Do not allow smoking in areas where membrane is installed. Check for compliance with insurance regulations, local building codes or other legal requirements.
Hazardous Thermal Decomposition Products	Hazardous thermal decomposition may generate: carbon monoxide, carbon dioxide, hydrogen halides, phosphorous oxide and possible traces of hydrogen cyanide and nitrogen oxides.
Special Protective Actions for Fire Fighters	As for any fire, evacuate the area and fight the fire from a safe distance. Wear a pressure demand, self-contained breathing apparatus and full protective gear. Fight fire from a protected location or a safe distance. Any water runoff should be minimized and contained.
Special precautions	Always respect recommended processing installation procedures. Polyurea membrane can present fire risks in some applications when exposed to ignition sources.
Special Protective Equipment for Fire Fighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

For Non-emergency Personnel	Not applicable.
For Emergency Responders	Not applicable.

Environmental Precautions	Not applicable.
METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP	
Spill	Not applicable.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Protective Measures	Not applicable.
Advice on General Occupational Hygiene	Avoid inhalation of product dust. Eating, drinking and smoking should be prohibited in areas where this material is handled, and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.
Conditions for Safe handling Including any Incompatibilities	Keep away from open flame, electrical or mechanical sparks, electric heaters, high powered lights, flame sources and flammable liquids and gases.
Storage Temperature	Not applicable.
Storage Life	Not applicable.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS - UNITED STATES

OCCUPATIONAL EXPOSURE LIMITS

Not available.

CONTROL PARAMETERS - CANADA

OCCUPATIONAL EXPOSURE LIMITS

Not available.

Appropriate Engineering Controls	If user operations generate dust, provide appropriate ventilation to control dust to concentrations below the exposure guidelines.
Environmental Exposure Controls	Not applicable.
INDIVIDUAL PROTECTION MEASURES	
Hygiene Measures	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/Face Protection	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to dusts.
Hand Protection	Gloves should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Body Protection	Personal protective equipment for the body should be selected based on the task being performed and the risks involved.
Other Skin Protection	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved.
Respiratory protection	Based on the hazard and potential for exposure, select a respirator or dust mask that meets the appropriate standard.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Elastomeric plastic.
Color	Available in many colors.
Odor	Neutral.
Odor Threshold	Not available.
pH	Not applicable.
Melting Point	N/A. Thermoset.
Boiling Point	Not applicable.

Flash Point	Not applicable.
Evaporation Rate	Not applicable.
Flammability (Solid, Gas)	Not available.
Lower and Upper Explosive (Flammable) Limits	Not applicable.
Vapor Pressure	Not applicable.
Vapor Density	Not applicable.
Specific Gravity @ 25°C (77°F)	+/- 1.0 g / cm ³ (+/- 62.5 lb / ft ³)
Solubility in water	None.
Partition Coefficient: N-Octanol/Water	Not applicable.
Auto-Ignition Temperature	Not available.
Decomposition Temperature	>150°C (>300°F)
Viscosity @ 25°C (77°F) (cps)	Not applicable.
Volatility	Not applicable.

SECTION 10: STABILITY AND REACTIVITY

Reactivity	No specific test data related to reactivity available for this product or its ingredients.
Chemical Stability	The product is stable. Chemically stable in the presence of most solvents found in binders, bituminous material, wood preservatives and sealers. Resistant to facers containing plasticiser, fuel, mineral oil, weak acids and weak bases. Resistant to fungi and microorganisms. Exposure to UV light may alter the colour shade.
Possibility of Hazardous Reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to Avoid	Avoid heat, flames, sparks, and other sources of ignition.
Incompatible Materials	Can react with strong oxidizing agents. May decompose in contact with strong acids.
Hazardous Decomposition Products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

ACUTE TOXICITY

There is no data available.

IRRITATION / CORROSION

There is no data available.

SENSITIZATION

There is no data available.

MUTAGENICITY

There is no data available.

CARCINOGENICITY

There is no data available.

REPRODUCTIVE TOXICITY

There is no data available.

TERATOGENICITY

There is no data available.

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)

There is no data available.

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE)

There is no data available.

ASPIRATION HAZARD

There is no data available.

INFORMATION ON THE LIKELY ROUTES OF EXPOSURE	
Dermal contact. Eye contact. Inhalation. Ingestion.	
POTENTIAL ACUTE HEALTH EFFECTS	
Eye Contact	Dust may cause mechanical irritation to eyes.
Inhalation	Dust may cause mechanical irritation to respiratory system.
Skin Contact	Dust may cause mechanical irritation to skin.
Ingestion	Dust may cause choking if swallowed.
SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS	
Eye Contact	No known significant effects or critical hazards.
Inhalation	No known significant effects or critical hazards.
Skin Contact	No known significant effects or critical hazards.
Ingestion	No known significant effects or critical hazards.
DELAYED AND IMMEDIATE EFFECTS AND ALSO CHRONIC EFFECTS FROM SHORT AND LONG TERM EXPOSURE	
SHORT TERM EXPOSURE	
Potential Immediate Effects	No known significant effects or critical hazards.
Potential Delayed Effects	No known significant effects or critical hazards.
LONG TERM EXPOSURE	
Potential Immediate Effects	No known significant effects or critical hazards.
Potential Delayed Effects	No known significant effects or critical hazards.
POTENTIAL CHRONIC HEALTH EFFECTS	
General	No known significant effects or critical hazards.
Carcinogenicity	No known significant effects or critical hazards.
Mutagenicity	No known significant effects or critical hazards.
Teratogenicity	No known significant effects or critical hazards.
Developmental Effects	No known significant effects or critical hazards.
Fertility Effects	No known significant effects or critical hazards.
NUMERICAL MEASURES OF TOXICITY - ACUTE TOXICITY ESTIMATES	
There is no data available.	

SECTION 12: ECOLOGICAL INFORMATION

TOXICITY	
There is no data available.	
PERSISTENCE AND DEGRADABILITY	
There is no data available.	
BIOACCUMULATIVE POTENTIAL	
There is no data available.	
MOBILITY IN SOIL	
Soil/Water Partition Coefficient (K _{oc})	There is no data available.
Other Adverse Effects	No known significant effects or critical hazards.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Methods	The generation of waste should be avoided or minimized wherever possible. Disposal of this product should comply with federal, state, provincial and local environmental control regulations.
------------------	---

SECTION 14: TRANSPORTATION INFORMATION**DOT**

UN Number	Not regulated.
UN Proper Shipping Name	-
Transport Hazard Class(es)	-
Packing Group	-
Environmental Hazard	No.
Additional Information	-

TDG

UN Number	Not regulated.
UN Proper Shipping Name	-
Transport Hazard Class(es)	-
Packing group	-
Environmental hazard	No.
Additional information	-

IMDG

UN Number	Not regulated.
UN Proper Shipping Name	-
Transport Hazard Class(es)	-
Packing Group	-
Environmental Hazard	No.
Additional Information	-

IATA

UN Number	Not regulated.
UN Proper Shipping Name	-
Transport Hazard Class(es)	-
Packing Group	-
Environmental Hazard	No.
Additional Information	-
Special Precautions for User	None known.
Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

SECTION 15: REGULATORY INFORMATION

United States

U.S. Federal Regulations	United States inventory (TSCA 8b): Polyurea membrane meets the definition of an Article 19 CFR Section 12.120(a); 40 CFR Sections 704.3, 710.2(e) and 720.3(c).
Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)	Not applicable.
Clean Air Act Section 602 Class I Substances	Not applicable.
Clean Air Act Section 602 Class II Substances	Not applicable.
DEA List I Chemicals (Precursor Chemicals)	Not applicable.
DEA List II Chemicals (Essential Chemicals)	Not applicable.
SARA 302/304	Not applicable.
SARA 304 RQ	Not applicable.

SARA 311/312	
Not applicable.	
SARA 313	
No products were found.	
STATE REGULATIONS	
Massachusetts	None of the components are listed.
New York	None of the components are listed.
New Jersey	None of the components are listed.
Pennsylvania	None of the components are listed.
California Prop. 65	
No products were found.	
CANADA	
CANADIAN LISTS	
Canadian NPRI	Not applicable.
CEPA Toxic Substances	Not applicable.
Canada Inventory	Polyurea membrane meets the definition of a manufactured item. Substances described as manufactured items are not subject to the regulations and are therefore excluded from notification.

SECTION 16: OTHER INFORMATION

HISTORY	
Prepared by	Huntsman Building Solutions - Department ESS
Preparation Date (y-m-d)	2014-09-26
Current Issue Date (y-m-d)	2022-02-01
KEY TO ABBREVIATIONS	
ATE	Acute Toxicity Estimate
BCF	Bioconcentration Factor
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
IATA	International Air Transport Association
IBC	Intermediate Bulk Container
IMDG	International Maritime Dangerous Goods
LogPow	Logarithm of the octanol/water partition coefficient
MARPOL 73/78	International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
UN	United Nations

Notice to reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.