


Section 1. Identification	
Product identifier	URECO STS – PART 2 - HARDENER
Other means of identification	Hardener component of a cementitious polyurethane floor system
Recommended use and restrictions on use	Polyurethane hardener to be used with Ureco STS part 1 and part 3
Initial supplier identifier	PowerBlast Canada 3505 Le Corbusier Laval, Québec H7L 4Z4 Tel: (450) 625-9344 info@powerblastcanada.com
Canadian Distributor	Soprema Inc. 1688 rue Jean-Berchmans-Michaud, Drummondville, QC, J2C 8E9 1-800-567-1492
Emergency telephone number/restriction on use	CANUTEC 24 hour number 613-996-6666
Section 2. Hazard identification	
Classification of hazardous product (name of the category or subcategory of the hazard class)	
Acute toxicity inhalation (Category 4) Skin irritation (Category 2) Eye irritation (Category 2A) Skin sensitization (Category 1) Respiratory sensitization (Category 1) Specific target organ toxicity – Single exposure (Category 3) Carcinogenicity (Category 2) Specific target organ toxicity – Repeated exposure (Category 2)	
Information elements (symbols, signal words, hazard statements and precautionary statements of the category/subcategory)	
 <p>DANGER</p> <p>H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H332 Harmful if inhaled. H334 May cause allergy or asthma symptoms or breathing difficulty if inhaled. H335 May cause respiratory irritation. H351 Suspected of causing cancer. H373 May cause damage to organs through prolonged or repeat exposure (inhalation). 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/nails/face thoroughly after handling. P271 Use outdoor or in well ventilated areas P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/protective clothing/eye protection/face protection. P284 In the case of inadequate ventilation wear respiratory protection. P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 Call a doctor if you feel unwell. P342 + P311 If experiencing respiratory symptoms: Call a doctor. P302+P352 IF ON SKIN, Wash with plenty of water for several minutes. P333 + P313 IF SKIN irritation or rash occurs: Get medical attention. P362+P364 Take off contaminated clothing and wash it before reuse. P305 + P351 + P338 IF IN EYES, Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical attention. P308+P313 IF exposed or concerned: Get medical attention. P314 Get medical attention if you feel unwell. P405 Store locked up. P501 Dispose of contents/container into safe container in accordance with local, regional or national regulations.</p>	
Other hazards known	Inhalation – when properly used vapour or mist will not occur. Avoid any action that will generate Mist or Vapours

Section 3. Composition/information on ingredients		
Chemical name (common name/synonyms)	CAS number or other	Concentration (%)*
Polymeric Diphenylmethanediisocyanate	9016-87-9	15-40
4,4 monomeric diphenylmethane	101-68-8	40-70
MDI isomer/oligomers	26447-40-5	7-13
* Statement - This safety data sheet provides concentration range(s) instead of the actual concentration(s) considered trade secret(s).		

Section 4. First-aid measures	
Inhalation	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor.
Ingestion	IF SWALLOWED: Rinse mouth. Than drink plenty of water. Do NOT induce vomiting. NEVER give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Rinse mouth thoroughly with water. Have victim drink two glasses of water. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Call a doctor immediately.
Skin contact	IF ON SKIN: wash with plenty of water. (15-20 minutes) IF SKIN irritation or rash occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.
Eye contact	IF IN EYES, Rinse cautiously with water for several minutes (15-20). Remove contact lenses, if present and easy to do. Continue rinsing. Immediate medical attention required.

Most important symptoms and effects (acute or delayed)		Causes skin irritation. Causes serious eye irritation.		
Indication of immediate medical attention/special treatment		In all cases, call a doctor. Do not forget this document.		
Section 5. Fire-fighting measures				
Specific hazards of the hazardous product (hazardous combustion products)				
Carbon oxides and other irritant/toxic gases and fumes.				
Suitable and unsuitable extinguishing media				
In case of fire: Use carbon dioxide, chemical powder agent and appropriate foam to extinguish surrounding products.				
Special protective equipment and precautions for fire-fighters				
During a fire, irritating/toxic smoke and fumes may be generated. Do not enter fire area without proper protection. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece. Shield personnel to protect from venting, rupturing or bursting cans. Move containers from fire area if it can be done without risk. Water spray may be useful in cooling equipment and cans exposed to heat and flame.				
Section 6. Accidental release measures				
Personal precautions, protective equipment and emergency procedures				
Absorb spillage to prevent material-damage. Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. All persons dealing with clean-up should wear the appropriate protective equipment (See Section 8).				
Methods and materials for containment and cleaning up				
Ventilate area of release. Stop the leak if it can be done safely. Contain and absorb any spilled liquid concentrate with inert absorbent material, then place material into a container for later disposal (see Section 13). Contaminated absorbent material may pose the same hazards as the spilled product. Notify the appropriate authorities as required.				
Section 7. Handling and storage				
Precautions for safe handling				
Wear protective gloves/ protective clothing/ eye protection/ face protection. Before handling, it is very important that engineering controls are operating, and that protective equipment requirements and personal hygiene measures are being followed. People working with this chemical should be properly trained regarding its hazards and its safe use. Inspect containers for leaks before handling. Label containers appropriately. Ensure proper ventilation. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with eyes, skin and clothing. Keep away from heat, sparks and flame. Avoid generating high concentrations of dusts, vapours or mists. Keep away from incompatible materials (Section 10). Keep containers closed when not in use. Empty containers are always dangerous. Refer also to Section 8.				
Conditions for safe storage, including any incompatibilities				
Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up. Store away from incompatible materials (Section 10). Inspect all incoming containers to make sure they are properly labelled and not damaged. Storage area should be clearly identified, clear of obstruction and accessible only to trained personnel. Inspect periodically for damage or leaks.				
Section 8. Exposure controls/Personal protection				
Control parameters (biological limit values or exposure limit values and source of those values)				
Exposure limits: CAS 101-68-8 ACGIH TLV TWA 0.005 ppm;				
Appropriate engineering controls Provide local exhaust ventilation to maintain recommended PEL				
Use of adequate ventilation should be sufficient to control worker exposure to airborne contaminants. If used in the proper manner material fume/ mist and vapour and dust should not exceeded the safety limits				
Individual protection measures/personal protective equipment				
Respiratory protection is required if the concentrations are higher than the exposure limits. Use a NIOSH approved respirators equipped f the exposure limits are unknown. Chemically protective gloves (impervious), and other protective clothing to prevent prolonged or repeated skin contact, must be worn during all handling operations. Wear protective chemical splash goggles to prevent mists from entering the eyes. Wash hands/nails/face thoroughly after handling. Do not eat, drink or smoke when using this product. Practice good personal hygiene after using this material. Remove and wash contaminated work clothing before re-use.				
Section 9. Physical and chemical properties				
Appearance, physical state/colour		Dark brown to amber liquid	Vapour pressure	Not available
Odour	Slightly musty (aromatic)		Vapour density	Heavier than air
Odour threshold	Not available		Relative density	1.24 approx. at 25° C
pH	Not available		Solubility	Not available
Melting/freezing point	Not available		Partition coefficient - n-octanol/water	Not available
Initial boiling point/range	406 F (208° C)		Auto-ignition temperature	Not available
Flash point	390 F (199° C)		Decomposition temperature	Not available
Evaporation rate	Not available		Viscosity	Not available
Flammability (solids and gases)	Not available		VOC	Not available
Upper and lower flammability/explosive limits	Not available		Other	None known
Section 10. Stability and reactivity				
Reactivity				
Does not react under the recommended storage and handling conditions prescribed.				
Chemical stability				
Stable under the recommended storage and handling conditions prescribed.				
Possibility of hazardous reactions				
None known				
Conditions to avoid (static discharge, shock or vibration)				
None known				
Incompatible materials				
None known				
Hazardous decomposition products				
None known				

Section 11. Toxicological information	
Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact)	
Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. May cause allergy or asthma systems or breathing difficulty if inhaled. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs through prolonged or repeat exposure (inhalation).	
Symptoms related to the physical, chemical and toxicological characteristics	
Skin irritation, redness, stinging, pain; Eye irritation, redness, tearing. Mouth, throat or respiratory tract irritation.	
Delayed and immediate effects (chronic effects from short-term and long-term exposure)	
Skin Sensitization – Possible; Respiratory Sensitization – Possible; Germ Cell Mutagenicity – No data available; Carcinogenicity – Ingredients listed by IARC, ACGIH, NTP or OSHA; Reproductive Toxicity – No data available; Specific Target Organ Toxicity — Single Exposure – Possible; Specific Target Organ Toxicity — Repeated Exposure – Possible; Aspiration Hazard – No data available; Health Hazards Not Otherwise Classified – No data available.	
Numerical measures of toxicity (ATE; LD₅₀ & LC₅₀)	
None; ATE not available in this document.	
Section 12. Ecological information	
Ecotoxicity (aquatic and terrestrial information)	No data available for this product
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Other adverse effects	No data available
Section 13. Disposal considerations	
Information on safe handling for disposal/methods of disposal/contaminated packaging	
Dispose of contents/container into safe container in accordance with local, regional or national regulations.	
Section 14. Transport information	
UN number; Proper shipping name; Class(es); Packing group (PG) of the TDG Regulations (ground)	
Not regulated	
UN number; Proper shipping name; Class(es); Packing group (PG) of the IMDG (maritime)	
Not regulated	
UN number; Proper shipping name; Class(es); Packing group (PG) of the IATA (air)	
Not regulated	
Special precautions (transport/conveyance)	None
Environmental hazards (IMDG or other)	None
Bulk transport (usually more than 450 L in capacity)	Possible
Section 15. Regulatory information	
Safety/health Canadian regulations specifics	Refer to Section 2 for the appropriate classification. This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR).
Environmental Canadian regulations specifics	Refer to Section 3 for ingredient(s) of the DSL release restriction on quantity / not listed
Safety/health/environmental outside regulations specifics	
United States OSHA information: This product is regulated according to OSHA (29 CFR).	
United States EPA (Environmental Protection Agency) information: 40 CFR Refer to the ingredients listed in Section 3 & Sections 12; 13 & 14.	
United States TSCA information: Refer to the ingredients listed in Section 3.	
California Proposition 65: This product does not contain any ingredient that is known to the State of California to cause cancer or other reproductive harm.	
Section 16. Other information	
Date of the latest revision of the safety data sheet	October 30, 2018 version 2 (PowerBlast Canada Regulatory Affairs)
Corrections	Sections 1; 2; 3; 5; 6; 8; 9; 10; 11; 12; 14; 15; 16.
References	Safety Data Sheets from manufacturer/supplier.
Abbreviations	
ACGIH	American Conference of Governmental Industrial Hygienists
ATE	Acute toxicity estimate
CAS	Chemical Abstract Service
DSL	Domestic Substance List
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
LC	Lethal concentration
LD	Lethal Dosage
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit
STEL	Short-term Exposure Limit
TDG	Transport of dangerous goods in Canada
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
WHMIS	Workplace Hazardous Materials Information System

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.