

## Section 1. Identification

- GHS Product Identifier** : Cableguard Dura-Grip Walk Surface
- Relevant identified uses of the substance or mixture and uses advised against** : Anti-slip coating.
- Supplier** : The D.S. Brown Company  
300 East Cherry Street  
North Baltimore, Ohio 45872  
419-257-3561
- In Case of Emergency** : Chemtrec 1-800-262-8200 International 01-703-741-5500
- Information Department** : Environmental, health and safety department.

## Section 2. Hazards Identification

- Classification of the Substance or Mixture According to Regulation (EC) No. 1272/2008** : Flam. Liq. 3 H225 Highly Flammable Liquid.  
Resp. Sens. 1 H334 Respiratory Sensitizer Category 1.  
Skin Irrit. 2 H315 Causes skin irritation.  
Eye Irrit. 2 H319 Causes serious eye irritation.  
Skin Sens. 1 H317 May cause an allergic skin reaction.  
H302 Harmful if swallowed.  
H332 Harmful by inhalation.  
STOT SE 3 H335 May cause respiratory irritation.  
Environ. Hazard H411 Toxic to aquatic organisms. May cause long-term effects in the aquatic environment.
- Classification According to Directive 67/548/EEC or 1999/45/EC** : XN; Harmful H317 May cause allergic skin reaction.  
XN, Sensitizing H334 May cause sensitization by inhalation and directive skin contact.  
Xi; Irritant H319/H335/H315 Irritating to eyes, respiratory system and skin.  
F; Highly Flam. H225 Highly flammable liquid and vapor.  
Xn; Harmful H411 Toxic to aquatic organisms. May cause long-term effects in the aquatic environment.
- Information Concerning Particular Hazards for Human and Environment** : The product has to be labelled due to the calculation procedure of the "General procedures using the latest valid versions.
- Classification System** : The classification was made according to the latest editions of international Classification guideline for preparations of the EU" in the latest valid version. The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company.

## Section 2. Hazards Identification *cont'd.*

### GHS Label Elements Pictograms



### Signal Word

: **Flammable**

### Hazard Determining Components of Labeling

: Isophorone diisocyanate.  
Solvent naphtha (petroleum), light arom.

### Hazard Statements

: H225 Flammable liquid and vapor.  
H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H332 Harmful by inhalation.  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H335 May cause respiratory irritation.  
H411 Toxic to aquatic organisms. May cause long-term effects in the aquatic environment.

### Precautionary Statements

: P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P285 In case of inadequate ventilation wear respiratory protection.  
P281 Use personal protective equipment as required.  
P233 Keep container tightly closed.  
P260 Do not breathe mist/vapors/spray.  
P370+P378 In case of fire: Use foam, powder, or carbon dioxide for extinction  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P314 Get medical advice/attention if you feel unwell.  
P302+P352 **If on skin:** Wash with plenty of water.  
P342+P311 If experiencing respiratory symptoms: Call a PoisonCenter/doctor  
P403+P235 Store in a well-ventilated place. Keep cool.

### Additional Information

: Contains isocyanates. May produce an allergic reaction.

### Hazard Description

: WHMIS-symbols: B3 - Combustible liquid.



### NFPA Ratings (scale 0 - 4)

: Health = 2  
Fire = 2  
Reactivity = 0

### HMIS-Ratings (scale 0 - 4)

: Health = 2  
Fire = 2  
Reactivity = 0

### HMIS Long Term Health Hazard Substances

CAS No.	Ingredient Name
4098-71-9	Isophorone diisocyanate.
64742-88-7	Solvent naphtha (petroleum), medium aliph.

### Other Hazards

#### Results of PBT and vPvB assessment

: PBT: Not applicable.  
vPvB: Not applicable.

## Section 3. Composition/Information on Ingredients

**Chemical Characterization** : Mixtures  
**CAS No. Description** : Mixture of the substances listed below with nonhazardous additions.  
**Dangerous Components**

Identifiers	Ingredient Name	%
4098-71-9	Isophorone diisocyanate, isomers and homologues Xn R20; Xn R42/43; Xi R36/37/38  Resp. Sens. 1, H334; STOT RE2, H373 Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT Se 3, H335	25-50
64742-95-6	Solvent naphtha (petroleum), light arom. XN R65  Flam. Liq. 3, H226 Muta. 1B, H340; Carc. 1B, H350; Asp. Tox. 1, H304	10-25
64742-88-7	Solvent naphtha (petroleum), medium aliphatic Xn R65  Flam. Liq. 3, H226; Asp. Tox. 1, H304	≤2.5

**Additional Information** : For the wording of the listed risk phrases refer to Section 16.

## Section 4. First Aid Measures

**General Information** : Immediately remove any clothing soiled by the product.  
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.  
Take affected persons out into the fresh air.

**After Inhalation** : Supply fresh air.  
Seek immediate medical advice.  
Provide oxygen treatment if affected person has difficulty breathing.  
In case of irregular breathing or respiratory arrest provide artificial respiration.

**After Skin Contact** : Immediately wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.

**After Eye Contact** : Immediately remove contact lenses if possible.  
Rinse opened eye for several minutes under running water. Then consult a doctor.

**After Swallowing** : Rinse out mouth and then drink plenty of water.  
Do not induce vomiting; call for medical help immediately.  
A person vomiting while laying on their back should be turned onto their side.

**Most Important Symptoms/ and Effects, Both Acute and Delayed** :

- Asthma attacks
- Breathing difficulty
- Irritant to eyes
- Coughing
- Allergic reactions
- Dizziness
- Nausea
- Irritant to skin and mucous membranes.
- Gastric or intestinal disorders when ingested.

## Section 4. First Aid Measures *cont'd.*

<b>Hazards</b>	: Danger of pulmonary oedema. Danger of impaired breathing.
<b>Indication of Any Immediate Medical Attention and Special Treatment Needed</b>	: If swallowed or in case of vomiting, danger of entering the lungs. Severe allergic skin reaction, bronchial spasms and anaphylactic shock are possible. In cases of irritation to the lungs, initial treatment with cortical steroid inhalants. If necessary oxygen respiration treatment. Treat skin and mucous membrane with antihistamine and corticoid preparations. Contains isophorone diisocyanate, isomers and homologues. May produce an allergic reaction.

## Section 5. Fire-Fighting Measures

<b>Suitable Extinguishing Media</b>	: CO <sub>2</sub> , sand, extinguishing powder. Do not use water.
<b>Specific Hazards Arising</b>	: During heating or in case of fire poisonous gases are produced.
<b>Special Protective Equipment for Fire-Fighters</b>	: Wear self-contained respiratory protective device. Wear fully protective suit.
<b>Additional Information</b>	: Eliminate all ignition sources if safe to do so.

## Section 6. Accidental Release Measures

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

<b>Note</b>	: Use respiratory protective device against the effects of fumes/dust/aerosol. Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation. Keep away from ignition sources. Protect from heat. Isolate area and prevent access.
<b>Environmental Precautions</b>	: Do not allow to enter sewers/ surface or ground water. Inform respective authorities in case of seepage into water course or sewage system.
<b>Methods and Materials for Containment and Cleaning Up</b>	: Allow to solidify. Pick up mechanically. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents.
<b>Reference to Other Sections</b>	: See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

## Section 7. Handling and Storage

<b>Precautions for Safe Handling</b>	: Prevent formation of aerosols. Avoid splashes or spray in enclosed areas. Use only in well ventilated areas.
<b>Information about Protection Against Explosions and Fires</b>	: Keep ignition sources away. Do not smoke. Protect against electrostatic charges. Keep respiratory protective device available.
<b>Requirements to Be Met by Storerooms and Receptacles</b>	: Provide ventilation for receptacles. Avoid storage near extreme heat, ignition sources or open flame.
<b>Information About Storage in One Common Storage Facility</b>	: Store away from foodstuffs. Store away from oxidizing agents. Protect from humidity and water.
<b>Further Information About Storage Conditions:</b>	: Store in cool, dry conditions in well-sealed receptacles. Keep container tightly sealed.
<b>Specific End Use(s)</b>	: No further relevant information available.

## Section 8. Exposure Controls/Personal Protection

<b>Additional Information About Design of Technical Systems</b>	: No further data; see item 7.
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### CONTROL PARAMETERS

<b>Ingredients with Limit Values that Require Monitoring at the Workplace</b>	: Isocyanate (as –NCO) USA 0.045 mg/m <sup>3</sup> TLV (TWA) or 0.005ppm Limit not to be exceeded at any time. UK 0.02 mg/m <sup>3</sup> 8 hour TWA 0.07 mg/m <sup>3</sup> 15 min. STE France 0.09 mg/m <sup>3</sup> VME (0.01ppm) 0.18 mg/m <sup>3</sup> VLE (0.02ppm)
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**DNELs** : **No further relevant information available.**

**PNECs** : **No further relevant information available.**

**Additional Information** : The lists that were valid during the creation were used as basis.

### EXPOSURE CONTROLS



**Personal Protective Equipment General Protective and Hygienic Measures** : The usual precautionary measures are to be adhered to when handling chemicals.  
Pregnant women should strictly avoid inhalation or skin contact.  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.  
Do not inhale gases / fumes / aerosols.  
Avoid contact with the eyes and skin.

**Respiratory Protection** : Combined Organic Vapor and Particulate Respirator is recommended for use during all processing activities.



## Section 8. Exposure Controls/Personal Protection *cont'd.*

### EXPOSURE CONTROLS *cont'd.*

<b>Protection of Hands</b>	: Protective gloves. The glove material has to be impermeable and resistant to the product the substance/ the preparation.	
<b>Material of Gloves</b>	: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.	
<b>Penetration Time of Glove Material</b>	: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.	
<b>Eye Protection</b>	: Contact lenses should not be worn. Wear safety glasses.	
<b>Body Protection</b>	: Protective work clothing.	
<b>Limitation and Supervision of Exposure into the Environment</b>	: No further relevant information available.	
<b>Risk Management Measures</b>	: See Section 7 for additional information. No further relevant information available.	

## Section 9. Physical and Chemical Properties

<b>Appearance</b>	
<b>Form</b>	: Liquid
<b>Color</b>	: According to product specification.
<b>Odor</b>	: Petroleum-like.
<b>Odor Threshold</b>	: Not determined.
<b>pH Value</b>	: Not determined.
<b>Change in Condition</b>	
<b>Melting Point/Melting Range</b>	: Not determined.
<b>Boiling Point/Boiling Range</b>	: 309 °F / 154 °C
<b>Flash Point</b>	: 123 °F / 51 °C
<b>Flammability (Solid, Gaseous)</b>	: Not applicable.
<b>Auto/Self-Ignition Temperature</b>	: 400 °C
<b>Decomposition Temperature</b>	: Not determined.
<b>Self-Igniting</b>	: Product is not self-igniting.

## Section 9. Physical and Chemical Properties *cont'd.*

<b>Danger of Explosion</b>	: Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
<b>Explosion Limits</b>	
<b>Lower</b>	: 1.0 Vol %
<b>Upper</b>	: 7.0 Vol %
<b>Vapor Pressure</b>	: Not determined.
<b>Density at 20°C</b>	: 1.03 g/cm <sup>3</sup>
<b>Relative Density</b>	: Not determined.
<b>Vapor Density</b>	: Not determined.
<b>Evaporation Rate</b>	: Not determined.
<b>Solubility in / Miscibility with Water</b>	: Slowly reacts with water.
<b>Partition Coefficient (n-Octanol/Water)</b>	: Not determined.
<b>Viscosity:</b>	
<b>Dynamic</b>	: Not determined.
<b>Kinematic</b>	: Not determined.
<b>Other Information</b>	: No further relevant information available.

## Section 10. Stability and Reactivity

<b>Reactivity</b>	: N/A
<b>Chemical Stability</b>	: N/A
<b>Thermal Decomposition/ Conditions to Be Avoided</b>	: No decomposition if used according to specifications.
<b>Possibility of Hazardous Reactions</b>	: Flammable. Reacts violently with oxidizing agents. Exothermic polymerization. Used empty containers may contain product gases which form explosive mixtures with air. Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomized. Toxic fumes may be released if heated above the decomposition point. Reacts with water. Reacts with strong acids and alkali.
<b>Conditions to Avoid</b>	: Keep ignition sources away. Do not smoke. Store away from oxidizing agents.
<b>Incompatible Materials</b>	: No further relevant information available.
<b>Hazardous Decomposition Products</b>	: Carbon monoxide and carbon dioxide. Isocyanate Nitrogen oxides. Hydrogen cyanide (prussic acid).



## Section 11. Toxicological Information

<b>Acute Toxicity</b>	: LD/LC50 values that are relevant for classification. 64742-95-6 Solvent naphtha (petroleum), light arom. Oral LD50 >6800 mg/kg (rat) Dermal LD50 >3400 mg/kg (rab) Inhalative LC50/4h >10,2 mg/l (rat)
<b>Primary Irritant Effect</b>	
<b>On the Skin</b>	: Irritant to skin and mucous membranes.
<b>On the Eye</b>	: Irritating effect.
<b>Sensitization</b>	: Sensitization possible through inhalation. Sensitization possible through skin contact.
<b>Additional Toxicological</b>	: The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: Harmful Irritant Danger through skin absorption.
<b>Sensitisation</b>	: Sensitization possible by skin contact. Sensitization possible by inhalation and/or dermal contact.
<b>Repeated Dose Toxicity</b>	: May cause damage to organs through prolonged or repeated exposure. Repeated exposures may result in skin and/or respiratory sensitivity.
<b>CMR Effects (Carcinogenity, Mutagenicity and Toxicity for Reproduction)</b>	: Muta. 1B, Carc. 1B, Repr. 0

## Section 12. Ecological Information

<b>Aquatic Toxicity</b>	: No further relevant information available.
<b>Persistence and Degradability</b>	: No further relevant information available.
<b>Bioaccumulative Potential</b>	: No further relevant information available.
<b>Mobility in Soil</b>	: No further relevant information available.

### ECOTOXICAL EFFECTS

<b>Remark</b>	: Harmful to fish. Due to mechanical actions of the product (e.g. agglutinations) damages may occur. The product is oxygen-consuming. The declared action may be partly caused by lack of oxygen.
<b>General Notes</b>	: The material is harmful to the environment. Do not allow product to reach ground water, water course or sewage system, even in small quantities. Danger to drinking water if even extremely small quantities leak into the ground. Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment cannot be excluded. Harmful to aquatic organisms.



## Section 12. Ecological Information *cont'd.*

**Results of PBT and vPvB Assessment** : **PBT:** Not applicable.  
**vPvB:** Not applicable.

**Other Adverse Effects** : No further relevant information available.

## Section 13. Disposal Considerations


**Waste Disposal Recommendation** : Must not be disposed of as normal garbage. Do not allow product to reach sewage system.  
 Can be disposed of with household garbage after solidification following consultation with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.

**Uncleaned Packagings Recommendation** : Disposal must be made according to official regulations.

## Section 14. Transport Information

**UN-Number DOT** : Not regulated.



Classified as combustible under US DOT regulations. Labeling required for single packages  $\geq 119$  US gal / 450 L to include Combustible symbol and Proper Shipping Name.


**ADR, IMDG, IATA** : UN1263

**UN Proper Shipping Name DOT** : Not regulated.

**ADR** : 1263 paint related material.

**IMDG, IATA** : Paint related material.

**Transport Hazard Class(es) DOT** : Not regulated.

**ADR** : 

**Class:** 3 (F1) Flammable liquids.  
**Label:** 3

## Section 14. Transport Information *cont'd.*

### Transport Hazard Class(es) *cont'd.*

IMDG, IATA



**Class:** 3 (F1) Flammable liquids.  
**Label:** 3

### Packing Group

DOT, ADR, IMDG, IATA : III

Environmental Hazards : Marine Pollutant: No

Special Precautions for User : Warning: Flammable liquids.

Danger Code (Kemler) : 30

EMS Number : F-E, S-E

Transport in Bulk According to Annex II of MARPOL73/78 and the IBC Code : Not applicable.

### Transport/Additional Information

ADR : Limited quantities (LQ) 5 L  
Transport category 3  
Tunnel restriction code D/E

UN "Model Regulation" : UN1263, paint-related material, 3, III

## Section 15. Regulatory Information

### SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE PRODUCT

#### United States

SARA 355 (Extremely Hazardous Substances) : None of the ingredients are listed.

SARA 313 (Specific Toxic Chemical Listings) : None of the ingredients are listed.

TSCA (Toxic Substances Control Act) : All ingredients are listed.

Proposition 65 : Chemicals known to the State of California (Prop. 65) to cause cancer:  
None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:  
None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:  
None of the ingredients is listed.

Chemicals known to cause developmental toxicity:  
None of the ingredients is listed.

## Section 15. Regulatory Information *cont'd.*

### SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE PRODUCTS *cont'd.*

**Carcinogen Categories  
EPA (Environmental  
Protection Agency)** : None of the ingredients are listed.

**IARC (International Agency  
for Research on Cancer)** : N/A

**TLV (Threshold Limit Value  
Established by ACGIH)** : N/A

**NIOSH-Ca (National Institute  
for Occupational Safety and  
Health)** : N/A

**Canada  
Canadian Domestic  
Substances List (DSL)** : All ingredients are listed.

**Canadian Ingredient  
Disclosure list (limit 0.1%)** : None of the ingredients is listed.

**Canadian Ingredient  
Disclosure List (Limit 1%)** : N/A

### OTHER REGULATIONS, LIMITATIONS AND PROHIBITIVE REGULATIONS

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

**Substances of Very High  
Concern (SVHC) According  
to REACH, Article 57** : None of the ingredients is listed.

**Chemical Safety  
Assessment** : A Chemical Safety Assessment has not been carried out.

## Section 16. Other Information

*This information is based on our present knowledge.*

**Date of Printing** : 05/15/2015  
**Date of Issue** : 05/03/2015  
**Date of Previous Version** : 07/08/2014

**Relevant Phrases** :

H226	Flammable liquid and vapor.
H304	May be fatal if swallowed and enters airways.
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 difficulties if inhaled.
H335	May cause respiratory irritation.
H413	May cause long lasting harmful effects to aquatic life.
R20	Harmful by inhalation.
R36/37/38	Irritating to eyes, respiratory system and skin.
R42/43	May cause sensitisation by inhalation and skin contact.
R48	Danger of serious damage to health by prolonged exposure.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R68/22	Harmful: possible risk of irreversible effects if swallowed.