

# MSDS

## Cableguard™ Walk Surface Base Coat



**The D.S. Brown Company**  
300 East Cherry Street  
North Baltimore, OH 45872  
419.257.3561  
Fax: 419.257.2200  
e-mail: [dsb@dsbrown.com](mailto:dsb@dsbrown.com)  
[www.dsbrown.com](http://www.dsbrown.com)



**1. Identification of the substance and company**

**Preparation/Product Name:** Contact Adhesive  
**Product Code:** M-700  
**Intended Use:** Cableguard™ Walk Surface Base Coat  
**Application Method:** Consult Product Installation Manual  
**Company Name:** The D. S. Brown Company  
300 E. Cherry Street  
North Baltimore, OH 45872  
**Telephone Number** (419) 257-3561  
**24 hour Emergency Telephone No.:** 703-527-3887 (CHEMTREC International)

**2. Composition/information on ingredients**

This product contains the following substances that present a health hazard within the meaning of the Dangerous Substances Directive 67/548/EEC and the Chemicals (Hazard Information and Packaging for Supply) Regulations SI/3247/1994 or have occupational exposure limits detailed in EH40.

Ingredient	CAS Number	Concentration	Label Symbol(s)	Risk Phrases(*)
Hexane	110-54-3	35 %	F, Xn, N	R11,38,48/20,51/53,62,65,67
Toluene	108-88-3	7 %	F, Xn	R11,20
MEK	000079-93-3	33 %	F, Xi	R11,36/37

\*The full texts of the phrases are shown in section 16.

**3. Hazards identification**

Flammable.

Eyes: Can cause severe irritation, redness, tearing, and blurred vision.

Skin: Prolonged or repeated contact can cause moderate irritation, defatting or dermatitis.

Inhalation: Can cause nasal irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, and even asphyxiation.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Further information is given in section 11.



#### 4. First aid measures

##### General

In all cases of doubt, or when symptoms persist, seek medical attention.

Never give anything by mouth to an unconscious person.

##### Inhalation

Remove to fresh air. If breathing is difficult, administer oxygen; if breathing has stopped, give artificial respiration. Keep person warm, quiet and get medical attention.

##### Eye Contact

Immediately flush eyes with large amounts of water, lifting upper and lower lids occasionally for at least 15 minutes. See medical attention.

##### Skin Contact

Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.

##### Ingestion

If swallowed, seek medical attention immediately.

#### 5. Fire-fighting measures

Avoid heat, sparks, open flame.

Recommended extinguishing media: CO<sub>2</sub>, Dry chemical, foam, sand, dirt

Special Fire-Fighting Procedures: N/A

Unusual Fire and Explosion Hazards: None Known

Hazardous Decomposition or By-Products: May yield carbon monoxide

#### 6. Accidental release measures

Shut off and eliminate all sources of ignition. Keep people away. Recover free product with inert absorbent material. Minimize breathing vapors. Minimize skin contact. Ventilate confined spaces.

Take personal protective measures listed in section 8.

#### 7. Handling and storage

##### Handling

No special precautions listed.

##### Storage

Chemically stable. Avoid strong oxidizing agents. Store in cool dry area away from ignition sources. Do not weld or flame cut empty containers.

**Use**

Avoid eye and skin contact. Avoid breathing vapors. Use only with adequate ventilation with air movement sufficient to prevent build-up of toxic or explosive concentrations. Observe label precautions. Use personal protective equipment as outlined in section 8.

**8. Exposure controls and personal protection****Engineering Measures**

Use local exhaust ventilation.

**Exposure Limits**

The following occupational exposure limits have been established by the Health and Safety Executive as published in EH40.

Material	Short term (15 min. avg)		Long term (8hr time weighted avg)		
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	
Hexane	--	--	20	72	--
Toluene	150	560	50	188	Sk
MEK	300	900	200	600	Sk

**Sk = There is a risk of absorption through unbroken skin**

**Personal Protection****Respiratory Protection**

When concentration exceed the exposure limits show above, workers must wear appropriate respirators approved in accordance with Directive 89/656/EEC and the Personal Protection Equipment Regulations.

**Eye Protection**

Wear safety eyewear, e.g. safety spectacles with sideshields, goggles or visors to protect against the splash of liquids. Eyewear should comply with British Standard 2092.

**Hand Protection**

Wear impermeable gloves.

**Skin Protection**

Cover areas that could be exposed to splash or spill. Change contaminated clothing immediately. Wash hands and face prior to eating, drinking or smoking.



**9. Physical and chemical properties**

<b>Physical State:</b>	Liquid
<b>Odor:</b>	Solvent odor
<b>Flash Point (deg C):</b>	-21.7 degrees C (-7 degrees F TCC)
<b>Boiling Point:</b>	65.6° C (150° F)
<b>Specific Gravity:</b>	0.823
<b>Vapor Density:</b>	3 (Air is 1)
<b>Lower Explosive Limit:</b>	1.1 % (UEL = 7.5%)
<b>Solubility in Water:</b>	Slight
<b>pH:</b>	?
<b>Vapor Pressure:</b>	125 mmHg at 20° C (68° F)
<b>Evaporation Rate:</b>	Slower than ether

**10. Stability and reactivity**

Stable under recommended storage and handling conditions (see section 7.) Hazardous decomposition may yield carbon monoxide.

Avoid contact with strong oxidizing agents.

**11. Toxicological information**

Signs and symptoms of central nervous system depression may include one or more of the following: headache, dizziness, loss of appetite, weakness and loss of coordination. Affected persons usually experience complete recovery when removed from the exposure area.

Exposure to this product may aggravate existing medical conditions such as: heart, liver, kidney, central nervous system, respiratory, skin and eye disorders. Persons with such disorders should consult a physician before using this product.

Prolonged and repeated exposure to n-hexane may damage peripheral nerve tissue (that of the arms and legs) and result in muscular weakness and loss of sensation in the extremities (peripheral neuropathy.)

Proposition 65: This product contains a substance (toluene) known to the state of California to cause cancer, birth defects or other reproductive harm.

**12. Ecological information**

There are no data available on this product.

The product should not be allowed to enter drains or water courses.

**13. Disposal considerations**

Do not allow into drains or water courses. Wastes and empty containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.



**14. Transport information**

Transport only in accordance with the following regulations:

**IATA**

Proper Shipping Name/ Description	Hazard Class/Div	Label	UN Number	Packing Group
Adhesives containing flammable liquid	3	Flammable Liquid	1133	II

**15. Regulatory Information**

In accordance with EC Directive 88/379/EEC and the Chemicals (Hazard Information and Packaging for Supply) Regulations SI/3247/1994 this product is labeled as follows:

**Symbol(s)**

Flammable substances (F)  
Environmentally dangerous substances (N)  
Irritating substances (Xi)  
Harmful substances (Xn)

**Contains:**

Toluene

**S. Phrases:**

Keep away from sources of ignition  
Avoid contact with eyes  
Take precautionary measures against static discharges  
Do not empty into drains  
Wear suitable protective clothing and gloves  
If swallowed, do not induce vomiting. Seek medical advice immediately and show container/label  
Avoid release into environment. Refer to special instructions/Safety Data Sheet

**R. Phrases:**

Highly flammable  
Harmful by inhalation  
Irritating to eyes, skin and respiratory system  
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment  
Possible risk of impaired fertility  
Harmful: may cause lung damage if swallowed  
Vapors may cause drowsiness and dizziness



Safety Data Sheet

M-700

Contact Adhesive

Last Revised: 01/01/2002

*Cableguard*<sup>TM</sup>

**16. Other information**

Information presented herein has been compiled from sources considered to be dependable and is accurate and reliable to the best of our knowledge and belief, but is not guaranteed to be so. It is the user's responsibility to determine for itself the suitability of any material for a specific purpose, whether alone or in combination with any other products, and to adopt such safety precautions as may be necessary. We make no warranty as to the results to be obtained in using any material and, since conditions and methods of use are not under our control, we must necessarily disclaim all warranties of merchantability or fitness for any particular use as well as all liability resulting directly from the use of any material supplied by us. Nothing herein is to be considered as recommending any practice or any product in violation of any patent or in violation of any law or regulation.

R Phrases appearing in section 2:

R11 Highly flammable

R20 Harmful by inhalation

R36/37 Irritating to eyes and respiratory system

R38 Irritating to skin

R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R62 Possible risk of impaired fertility

R65 Harmful: may cause lung damage if swallowed

R67 Vapors may cause drowsiness and dizziness