



# MATERIAL SAFETY DATA SHEETS

## SECTION 1 : CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name : **SILVERWAX 71 TIRE PROTECTOR WITH SILICONE**  
 Chemical name and synonyms : Not applicable (mixture)  
 Manufacturer : Laboratoire Hygienex Inc. Supplier : Same  
 Address : 6400 Zephirin-Paquet Address : Same  
 Québec (Québec)  
 Canada G2C 0M3  
 Telephone : 1-418-522-2332 Telephone : Same  
 Emergency phone (CANUTEC) : (613) 996-6666  
 Issue by : Laboratoire Hygienex Inc.  
 Product use : Rubber dressing  
 (Industrial/Institutional)

| HMIS Rating :         |   |
|-----------------------|---|
| Health :              | 2 |
| Flammability :        | 4 |
| Reactivity :          | 0 |
| Personal protection : | B |

## SECTION 2 : COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Ingredient</u>                | <u>CAS</u> | <u>% p/p</u> 30-100 |
|----------------------------------|------------|---------------------|
| Heptane                          | 142-82-5   |                     |
| Contains no hazardous components |            |                     |

Exposure limit informations: see Section 8

## SECTION 3 : HAZARDS IDENTIFICATION

Eyes contact : Direct contact may cause temporary redness and discomfort.  
 Skin contact : No significant irritation expected from a single exposure.  
 Inhalation : No significant faintness expected from a single exposure.  
 Oral : Small amounts transferred to the mouth by fingers during use should not injure. Swallowing large amounts may cause digestive discomfort.

### Effects of repeated overexposure

Skin : None known.  
 Inhalation : None known.  
 Oral : None known.

Primary route of exposure : None known.

The above listed potential effects of overexposure are base on actual data, results of studies performed upon similar compositions, component data, and/or expert review of the product. Please refer to section 11 for detailed toxicology information.

## SECTION 4 : FIRST-AID MEASURES

|                       |   |
|-----------------------|---|
| Eyes contact :        | Flush eyes gently with water for at least 15 minutes while holding eyelids apart, occasionally lift upper and lower lids. Get medical attention at once.  |
| Skin contact :        | Remove contaminated clothing. Wash exposed area with soap and water. Wash clothing before reuse.  |
| Inhalation :          | Remove in fresh air. Get medical attention at once.   |
| Swallowing :          | Give water. Do not induce vomiting. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. If possible, do not leave individual unattended. Seek medical attention. |
| Notes to physicians : | Treat according to person's condition and specifics of exposure.  |

## SECTION 5 : FIRE-FIGHTING MEASURES

|                                      |  |
|--------------------------------------|--|
| T.D.G. Flammable class :             |  |
| Flammability :                       | Combustible  |
| Flash point, closed cup (°C) :       | -18°C  |
| Explosive limit temperature (°C) :   | Not applicable   |
| Autoignition temperature (°C) :      | Not applicable   |
| Lower flammable limit (% by vol.) :  | Not applicable   |
| Higher flammable limit (% by vol.) : | Not applicable   |
| Sensitivity to static discharge:     | None   |
| Sensitivity to impact :              | None   |
| Hazardous Products of Combustion :   | May form: carbon and nitrogen oxide.   |
| Fire and Explosion Hazards :         | Unknown  |
| Extinguishing Media :                | Regular foam, water, carbon dioxide.   |
| Fire Fighting Instructions :         | Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure. Refer to the personal protective equipment section of this MSDS. |

## SECTION 6 : ACCIDENTAL RELEASE MEASURES

|                       |  |
|-----------------------|--|
| General information : | Use proper personal protective equipment as indicated in Section 8.          |
| Small spill :         | Absorb residue or small spills with absorbent material.                      |
| Large Spill :         | Stop leak if without risk. Remove by mechanical means and place in container |
| Disposal measures :   | See Section 13.  |

## SECTION 7 : HANDLING AND STORAGE

|            |   |
|------------|---|
| Handling : | Use good personal hygiene practices. Wash hands before eating, drinking, or using toilet facilities. Promptly remove soiled clothing and wash before reuse. Shower after work using plenty of soap and water. |
| Storage:   | Keep in original tightly closed containers at room temperature.   |

## SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection : Wear safety glasses with side shields (or goggles).  
Skin Protection : Wear resistant gloves. Glove materials may include polyvinyl chloride (PVC), neoprene or rubber.  
Footwear : Wear adequate working boots.  
Clothing : Wear adequate working clothes.  
Respiratory Protections : None required under normal operation conditions.  
Engineering Controls : Provide sufficient mechanical (general and/or local exhaust) ventilation.  
Other : Eye bath and safety shower.

Exposure limits:

| <u>Ingredient</u> | <u>CAS</u> | <u>TLV</u> | <u>LC<sub>50</sub></u> | <u>LD<sub>50</sub></u> |
|-------------------|------------|------------|------------------------|------------------------|
|-------------------|------------|------------|------------------------|------------------------|

## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

|                                   |               |                          |                |
|-----------------------------------|---------------|--------------------------|----------------|
| State :                           | Liquid        | Appearance :             | Clear          |
| Color :                           | blue          | Odor :                   | Solvent        |
| Vapor pressure (mm Hg) :          | Not available | pH :                     | Not applicable |
| Specific vapor density (Air=1):   | Not available | Specific gravity (25°C): | 0.86           |
| Evaporation rate (Water=1) :      | Not available | Boiling point (°C) :     | Not available  |
| Solubility in water (% p/p) :     | Not miscible  | Melting point (°C) :     | <0             |
| Solubility in ethanol :           | Not miscible  | Viscosity (cps) :        | Non disponible |
| Volatiles (% p/p) :               | 75            | Molecular weight :       | Not applicable |
| Partition coefficient water/oil : | Not available | Chemical formula :       | Not applicable |

## SECTION 10 : STABILITY AND REACTIVITY

Hazardous polymerization : Will not occur.  
Hazardous decomposition : May form: Nitrogen and carbon oxides  
Chemical stability : Stable under normal conditions.  
Materials to avoid : Strong oxidizing agents.

## SECTION 11 : TOXICOLOGICAL INFORMATION

Effects of chronic exposure : Not available  
Carcinogenicity : Not available  
Reproductive toxicity : Not available  
Teratogenicity : Not available  
Mutagenicity : Not available  
Primary Route(s) of Entry : None known.

## SECTION 12 : ECOLOGICAL INFORMATION

Environmental toxicity information : This material has not been tested for environmental effects.  
BOD<sub>5</sub> : Not available  
COD : Not available



### SECTION 13 : DISPOSAL CONSIDERATIONS

Waste Management Information : Dispose in accordance with municipal, provincial and federal regulations.

### SECTION 14 : TRANSPORT INFORMATION

DOT/TDG Classification : 3  
UN/NA Number : 1993  
Packging group : II  
Shipping name : FLAMMABLE LIQUID, N.O.S. (Heptane)

### SECTION 15 : REGULATORY INFORMATION

Canada (WHMIS) : B2, D2B  
CPR compliance : This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the MSDS contains all information required by *Controlled Products Regulations*.

### SECTION 16 : OTHER INFORMATION

Emission date: May 20<sup>th</sup>, 2013  
Prepared by : Hygienex Laboratory inc.  
Phone : (418) 522-2332

#### Disclaimer :

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form. Last page