

**SHIELD CHEMICALS (PTY) LTD**  
**MATERIAL SAFETY DATA SHEET**



**1 - IDENTIFICATION OF THE PRODUCT AND COMPANY**

|  |   |   |  |
|--|---|---|--|
| PRODUCT NAME   | Tyre Shine  | APPLICATION   | Vehicle Interior Plastic & Rubber Cleaner and Shine. |
| PRODUCT CODE   | SH635   | MANUFACTURER  |  |
| CONTACT NUMBERS:<br>O/H 07h30 – 17h00 Monday – Friday<br>WEB ADDRESS<br>E-MAIL ADDRESS<br>CONTACT PERSON | T) +27-11-421-7111<br>F) +27-11-421-0475<br>www.shieldchem.co.za<br>info@shieldchem.co.za<br>Mr. J. Clark | Shield Chemicals (Pty) Ltd<br>No. 9 London Road, Apex,<br>Benoni<br>Gauteng<br>South Africa |  |

**2 - HAZARDS IDENTIFICATION**

Flammable liquid:

Toxic by inhalation, skin contact or if swallowed.

**3 - COMPOSITION/INFORMATION ON INGREDIENTS**

| NAME                                  | CAS#        | %     | CLASS | PACKING GROUP | FLASH POINT                                      |
|---------------------------------------|-------------|-------|-------|---------------|--|
| Kerosene                              | 8008-20-6   | < 55% | 3     | III           | > 37.8 °C / 100.0 °F (Tag Closed Cup (ASTM D56)) |
| Solvent naphtha (petroleum)           | 64742-88-7  | < 20% | 3     | III           | 38°C   |
| Polydimethylsiloxane                  | 63148-62-9  | < 20% | N/A   | N/A           | > 214 °F / > 101.1 °C (Closed Cup)               |
| Mineral oil                           | 8042-47-5   | < 20  | N/A   | N/A           | > 160 °C (> 320.00 °F)                           |
| C18- 50 – branched, cyclic and linear | 848301-69-9 | < 10% | N/A   | N/A           | > 210°C / 410°F (PMCC / ASTM D93)                |

**4 - FIRST AID MEASURES**

|              |   |
|--------------|---|
| INHALATION   | Remove victim from the source of exposure and seek medical attention immediately.   |
| INGESTION    | NEVER INDUCE VOMITTING.<br>Seek medical attention immediately.  |
| SKIN CONTACT | Wash thoroughly with water. Remove contaminated clothing.<br>If irritation persists, seek medical attention.  |
| EYE CONTACT  | Make sure to remove any contact lenses from the eyes before rinsing. Rinse thoroughly with plenty of water for 15 minutes and seek medical attention. |

**5 - FIRE-FIGHTING MEASURES**

|                      |  |
|----------------------|--|
| CLASSIFICATION       | Flammable liquid   |
| EXTINGUISHING MEDIA  | Use Foam, Carbon dioxide (CO <sub>2</sub> ) or dry powder extinguishers.                                 |
| EXPOSURE HAZARDS     | Combustion may evolve hazardous gasses.  |
| PROTECTIVE EQUIPMENT | Fire fighters should wear self-contained breathing apparatus and suitable personal protective equipment. |

**6 - ACCIDENTAL RELEASE MEASURES**



|                     |  |
|---------------------|--|
| Method of disposal  | Absorb onto dry sand if possible, and dispose of safely as commercial waste. Rinse residues thoroughly with water. |
| Personal Protection | Wear gloves, goggles and respiratory protection.   |

**7 - HANDLING AND STORAGE**

|          |   |
|----------|---|
| HANDLING | Do not inhale vapour and do not ingest. Do not add any other substances to this product.  |
| STORAGE  | Store upright in original closed containers. Keep away from heat or sources of ignition. Keep away from oxidizing or flammable materials. |

**8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

|                |   |
|----------------|---|
| EYE PROTECTION | When handling this product wear suitable eye/face protection. |
|----------------|---|

|   |  |
|---|--|
| HAND PROTECTION   | Wear gloves that are resistant to solvents.  |
| SKIN PROTECTION   | Protective overalls may be worn  |
| INHALATION  | Personal protective equipment should only be considered where ventilation is very poor, or in the case of an accident.   |
| HYGIENE MEASURES<br>  | DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. |

### 9 - PHYSICAL AND CHEMICAL PROPERTIES

|                         |                 |
|-------------------------|-----------------|
| APPEARANCE              | Liquid          |
| COLOUR                  | Clear           |
| ODOUR                   | As per standard |
| FLASH POINT             | 48.4°C          |
| RELATIVE DENSITY @ 25°C | 0.77 (typical)  |
| WATER SOLUBLE           | Insoluble       |

### 10 – STABILITY AND REACTIVITY

|                                  |  |
|----------------------------------|--|
| STABILITY                        | Stable under normal conditions   |
| MATERIALS TO AVOID               | Prevent contamination of the solution with any organic, flammable, combustible or oxidizing materials. |
| HAZARDOUS DECOMPOSITION PRODUCTS | There are no hazardous decomposition products.   |

### 11 - TOXICOLOGICAL INFORMATION

May cause adverse affects in the aquatic environment.

### 12 - ECOLOGICAL INFORMATION

|             |  |
|-------------|--|
| ECOTOXICITY | This product may be hazardous to the environment. Avoid contamination of natural land and aquatic systems. |
|-------------|--|

### 13 - DISPOSAL CONSIDERATIONS

|                  |  |
|------------------|--|
| DISPOSAL METHODS | Do not pour down waste water drains. Absorb onto dry sand or other absorber, and dispose of safely as commercial waste. Rinse contaminated area with plenty of water |
|------------------|--|

### 14 - TRANSPORT INFORMATION

|                              |  |
|------------------------------|--|
| UN NUMBER                    | 3295   |
| PROPER SHIPPING NAME         | Hydrocarbons, Liquid N.O.S                     |
| TRANSPORT HAZARD CLASS       | Class 3  |
| PACKING GROUP                | III  |
| ENVIRONMENTAL HAZARDS        | This is an environmentally hazardous substance |
| SPECIAL PRECAUTIONS FOR USER | None Additional                                |

### 15 - REGULATORY INFORMATION

|                |        |   |
|----------------|--------|---|
| Hazard Symbols | Xn     | Harmful by inhalation or if swallowed   |
| Risk Phases    | R36/38 | Irritating to the eyes & skin.  |
|                | R52/53 | Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment                      |
|                | R65    | Harmful – may cause lung damage if swallowed.   |
| Safety Phrases | S16    | Keep away from source of ignition.  |
|                | S23    | Do not inhale spray.  |
|                | S24    | Avoid contact with the skin   |
|                | S43    | In case of fire, use Foam, Carbon dioxide (CO <sub>2</sub> ) or dry powder extinguishers. Never use water jets. |
|                | S62    | If swallowed do not induce vomiting, seek medical attention immediately and show this document.                 |
|                | S2     | Keep out of reach of children   |

### 16 - OTHER INFORMATION

This materials safety data sheet has been compiled according to SABS 1104-1 and SABS 0265, and provides the best advice under our current state of knowledge. The user is ultimately responsible for ensuring that the requirements of the relevant legislation are complied with.

*DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.*