

TYRE SHINE HIGH GLOSS



Date Issued: 02/03/2017

Rev. date: 02/03/2017

Product: TYRE SHINE HIGH GLOSS

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COMPANY DETAILS

| | |
|---|---|
| Name: BD Chemicals | Emergency Tel. No. (011)7765076/0834693828/0783892507 |
| Address: 56 Stanley Rd Knights Germiston, Gauteng, South Africa | Postal Address: PO Box 4120 Germiston South 1411 |
| Tel. No. (011) 7765076 | |

1. PRODUCT IDENTIFICATION

| | |
|--------------|--|
| Trade Name: | TYRE SHINE HIGH GLOSS |
| Description: | TYRE SHINE HIGH GLOSS is a hydrocarbon based tyre polish and cleaner with a blend of silicone fluid (high gloss) and solvents. |

2. HAZARDOUS COMPONENTS

| Hazardous components | CAS# | ECC CLASS | % |
|-------------------------|------------|-----------|-----------|
| Benzine | 8030-30-6 | 200-753-7 | 50 – 80% |
| Silicone Dimethyl Fluid | 63148-62-9 | **** | 20 – 25 % |



3. HAZARD IDENTIFICATION

| | |
|-----------------------------|--|
| Main hazard | May irritate skin, eyes, mucous membranes of mouth, throat and esophagus |
| Explosive hazard | Explosive hazard when exposed to heat under pressure |
| Fire | Highly Flammable |
| Chemical hazard | Flammable liquid |
| Health effects - eyes | May cause irritation |
| Health effects - skin | May cause irritation and dryness |
| Health effects - ingestion | HARMFUL. Causes stomach distress, nausea and vomiting |
| Health effects - inhalation | Minimally toxic |


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4. FIRST AID

| | |
|-------------------|--|
| Product in eyes: | Flush at once with cool running water. Remove contact lenses. Continue flushing for at least 15 min, holding eyelids apart so as to rinse entire eye. CALL A PHYSICIAN IMMEDIATELY. |
| Product on skin: | Immediately flush skin with plenty of cool running water for at least 15 min while removing contaminated clothing and shoes; discard or wash well before reuse. |
| Product ingested: | Rinse mouth at once; then drink 1 or 2 glasses of water. DO NOT induce vomiting. NEVER give anything by mouth to an unconscious person. |
| Product inhaled: | Immediately move to fresh air. |

For any serious contact situation – GET MEDICAL ATTENTION

5. FIRE FIGHTING MEASURES

| | |
|---------------------|--|
| Extinguishing media | Use method appropriate for surrounding fire. The product does not support combustion |
| Special hazards | Combustion may evolve hazardous gasses. Fire fighters should wear self-contained breathing apparatus and suitable personal protective equipment. |

6. ACCIDENTAL RELEASE MEASURES

| | |
|---------------------------|---|
| Personal precautions | Use proper protective equipment |
| Environmental precautions | Prevent release of product to sewers & waterways |
| Small spills | Scrape up and absorb to an inert substrate for disposal in a normal landfill site. Flush residue with plenty of water. |
| Large Spills | Dike or dam large spills. Pump to containers or soak up on inter absorbent. Using plenty of water, flush residue to sewer |



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7. HANDLING AND STORAGE

| | |
|-------------------------------|--|
| Suitable material | Fluorinated container |
| Loading/unloading precautions | Wear protective equipment. Do not inhale vapour and do not ingest. Do not add any other substances to this product |
| Handling/storage precautions | Wear protective equipment. Store in cool, dry well ventilated place. |

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

| | |
|----------------------------------|---|
| Personal protection- respiratory | Personal protective equipment should only be considered where ventilation is very poor, or in the case of an accident. |
| Personal protection - eyes | Wear chemical splash goggles. For continued or severe exposure wear a face shield over goggles. |
| Personal protection - skin | Protective overalls may be worn. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. |
| Other | Access to emergency eye wash and shower is recommended |



9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------|----------------------|
| Appearance | Clear liquid |
| Odor | Solvent Type odour |
| pH | Not known |
| Specific Gravity | 0.77 (20°C) |
| Solubility - water | Not Soluble in water |
| Flammability | Highly flammable |
| Flash point | -11°C |
| Melting point | 5.5°C |
| Boiling point | → 80.1 °C |
| Auto-flammability | Not known |
| Explosive properties | Not determined |
| Vapor pressure | 2.8 |


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10. STABILITY AND REACTIVITY

| | |
|----------------------------------|---|
| Conditions to avoid | Keep away from heat and oxidizing agents |
| Stability | Prevent contamination of the solution with any organic, flammable, combustible or oxidizing materials |
| Hazardous decomposition products | Decomposition products are less hazardous than the product itself |

11. TOXICOLOGICAL INFORMATION

| | |
|----------------------|---------------------------------------|
| Acute exposure | Irritant to skin and eyes |
| Chronic exposure | Toxic |
| Carcinogenicity | Not known |
| Mutagenicity | Not known |
| Neurotoxicity | Not known |
| Reproductive hazards | May have adverse effects on fertility |

12. ECOLOGICAL INFORMATION

| | |
|------------------|---|
| General | May cause adverse effects in the aquatic environment. |
| Aquatic | May cause adverse effects in the aquatic environment. |
| Biodegradability | Not determined |
| Bio-accumulation | Not expected to bio-accumulate |

13. DISPOSABLE CONSIDERATIONS

Unused products are corrosive, consult local authorities for limits on chemical waste disposal. Rinse out empty container thoroughly with water before disposal.

14. TRANSPORT INFORMATION

| | |
|---------------|---------------------------------|
| UN No. | 3295 Hydrocarbons, Liquid N.O.S |
| Packing Group | II |
| Class | Class 3 |


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15. REGULATORY INFORMATION

RISK PHRASES

Risk phrases:

R11 Highly flammable.

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 (CO2) 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

The above information is believed to be correct with respect to the formula used to manufacture the product. As data, standards and regulations change, and conditions of use and handling are beyond our control, No WARRANTY, EXPRESS OR IMPLIED, IS MADE TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

| Rev. no. | Rev. date | Reason for revision | Responsible person |
|----------|------------|--------------------------------|--------------------|
| 0 | 02/03/2017 | First issue in 16-point format | Richard Gaddi |
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