



# SILKWOOD SAFETY PRECAUTIONS 2025

**SILKWOOD**

# MATERIAL SAFETY DATA SHEET

## IDENTIFICATION OF THE SUBSTANCE/PREPARATION

**Product Name:** SILKWOOD  
**Application:** Wood Sealer  
**Company Name:** SMI Trading  
**P.O. Box:** 260787 ExCom 2023  
**Telephone:** (+27) 12 668 1069  
**Fax Number:** (+27) 12 668 1071  
**Email:** smi@smianalytical.com  
**Emergency Number:** (+27) 12 668 1069

## COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Composition:

Solvent naphtha (petroleum), medium aliphatic. EINECS

No 265191-7.CAS No 64742-88-7

## HAZARDS IDENTIFICATION

Flammable

Harmful if swallowed, aspiration hazard

May cause eye and skin irritations

Toxic to aquatic life

Inhalation may cause respiratory irritation, dizziness headache nausea at high concentrations.





## FIRST-AID MEASURES

<b>Eye Contact</b>	Bathe immediately with suitable materials and seek medical advice if necessary.
<b>Skin Contact</b>	Washing with soap or suitable cleaning agent. Remove contaminated clothing, in severe cases refer to doctor.
<b>Inhalation</b>	Move to fresh air, if recovery is not immediate, medical assistance must be called without delay.
<b>Ingestion</b>	If contamination of the mouth occurs, rinse out thoroughly with water. Except as a deliberate act, the ingestion of large amounts of product is unlikely. If it should occur, do not induce vomiting, obtain medical advice immediately.



## FIRE FIGHTING MEASURES

<b>FIRE RATING</b>	Flammable with toxic fumes
<b>EXTINGUISH</b>	Use carbon dioxide or foam rather than powder which could react with the oil. Do not use water jets. For major fires call Local Fire service  Apply water to keep tank surfaces cool if close to fire



## FIRE FIGHTING MEASURES

<b>FIRE RATING</b>	Flammable with toxic fumes
<b>EXTINGUISH</b>	Use carbon dioxide or foam rather than powder which could react with the oil. Do not use water jets. For major fires call Local Fire service  Apply water to keep tank surfaces cool if close to fire
<b>COMBUSTION PRODUCTS</b>	Toxic fumes may evolve on burning or exposure to heat See Section 10.
<b>SPECIAL EXPOSURE HAZARDS</b>	Prolonged heat at above 200 deg c will cause combustion and decomposition which could irritate both the eyes and nasal passages.



## ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	No evacuations are necessary as no chemical reaction will take place.
<b>HANDLING AND STORAGE</b>	Store and dispense only in well ventilated areas away from heat and sources of ignition. Store and use in equipment/containers designed for use with this product. Containers must be properly labeled and kept closed when not in use. Avoid extreme temperatures both high and low, sources or ignition, do not store in copper or copper related containers as it could affect sealers colour



## EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Exposure Limits</b>	There is no appropriate occupational exposure limit for this material, although sensible industrial clothing is recommended.
<b>Engineering Controls</b>	Prevent build up of vapors by opening all doors and windows to achieve cross ventilation.
<b>Respiratory Protection</b>	Use suitable approved respiratory equipment.
<b>Hand Protection</b>	Barrier creams are a sensible precaution, and if handling regularly, non-absorbent gloves.
<b>Eye Protection</b>	Wear face visor or goggles where eye contact can accidentally occur.
<b>Skin Protection</b>	Wear sensible industrial clothing, washed regularly

## PHYSICAL & CHEMICAL PROPERTIES

<b>Appearance</b>	Clear Amber Or Coloured Liquid
<b>Odor</b>	Aliphatic Petroleum Solvent
<b>Specific Gravity</b>	0,84-0,86 Kg/Lt
<b>Flash Point</b>	Greater Than 40 Degrees Celsius
<b>Flammability</b>	Flammable
<b>Explosive Properties</b>	Not Explosive
<b>Oxidizing Properties</b>	Not Oxidizing
<b>Vaour Pressure</b>	@ 20 Deg C
<b>Relative Density</b>	@ 23 Deg C
<b>Solubility In Water</b>	Insoluble
<b>Other Solubility</b>	Aliphatic Solvents
<b>Viscosity</b>	@ 20 Deg C
<b>Colour</b>	





## STABILITY & REACTIVITY

<b>Conditions to avoid</b>	Avoid all sources of ignition. Stable at ambient temperatures
<b>Materials to avoid</b>	Avoid strong oxidizing agents.
<b>Hazard Decomposition Products</b>	Thermal decomposition will be accompanied by the emission of smoke, carbon dioxide/monoxide and other hazardous gasses.

## TOXICOLOGICAL INFORMATION

<b>Chemical Name</b>	<b>LD50</b>	<b>LC50</b>
<b>White Spirits</b>	4900mg/kg (Rat)	>1400ppm (Rat 4 hr)

## ECOLOGICAL INFORMATION

<b>Mobility</b>	Spillages may penetrate the soil causing ground water contamination.
<b>Persistence and degradability</b>	This product is inherently biodegradable
<b>Bioaccumulative Potential</b>	There is no evidence to suggest bioaccumulation will occur.
<b>Aquatic toxicity</b>	Toxic to aquatic organisms. May cause long term effects in the aquatic environment. Spills may form a film on water surfaces causing physical damage to organisms.





## DISPOSAL CONSIDERATIONS

Dispose of product and container carefully and responsibly. Do not dispose of near ponds, ditches down drains or onto soil.



## TRANSPORT INFORMATION

UN Number 1263

Flammable Liquid Class 3 Group III

Proper Shipping Name MDG & IATA Paint



## REGULATORY INFORMATION

### Category Of Danger

Flammable

### Labelling

### Indication of danger Risk

Flammable

Irritating to eyes

May cause lung damage if swallowed

Toxic to aquatic environment

### Safety

Avoid contact with skin

Do not breathe vapor

In case of fire use foam or dry powder. Never use water jets

If swallowed, do not induce vomiting, seek medical advice

## THE FOLLOWING MATERIALS ARE NONHAZARDOUS AND ARE PRESENT IN THE PRODUCT AT LEVELS GREATER THAN 3%

Chemical Name	CAS No
Resin Solution	8052-41-3
Low Aromatic White Spirits	64742-88-7
Linseed Stand Oil	67-746-08-1



### OTHER INFORMATION

This data sheet and the health, and safety and environmental information it contains is accurate as of the date specified below. We have reviewed any information contained herein which we received from sources outside SMI Trading. However, no warranty or representation express or implied is made as to the accuracy or completeness of this data and information contained in this data sheet.

Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and or situations. It is the user's obligation to evaluate and use this product safely and comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission, recommendation or authorization given or implied to practice any patented invention without a valid license. SMI Trading shall not be responsible for any damage or injury resulting from abnormal use of the material from any failure to adhere to recommendations or from any hazards inherent in the nature of the material.











# "IT DOES WHAT IT SAYS ON THE TIN" - SILKWOOD

P.O. BOX 260787  
EXCOM 2023  
TEL : +27 [012]668-1069  
FAX : +27[012]668-1071  
EMAIL : [smi@smianalytical.com](mailto:smi@smianalytical.com)  
WEB: [silkwoodafrica.com](http://silkwoodafrica.com)

