

ShaliDCT 102

Processed Coal Tar



STP Limited

Material Safety Data Sheet

Identification of the substance/preparation and of the company/undertaking

Trade Name	ShaliDCT 102 (formerly known as ShaliKote CT 102)
Intended Use	Used in Anti-corrosive Paint Industries, Wood Preservatives etc.
Company Name	STP Limited 43 Nehru Place 707 Chiranjiv Towers, New Delhi 110019, India Phone : +91 11 4656 1359 Fax : +91 11 4656 1358
Emergency Information	Phone : +91 81302 98888 Fax : +91 11 4656 1358

[1] Composition / information on ingredients

Component	%	CASNo
Processed Coal Tar	89%	8007-45-2
Tar Oils	11%	8001-58-9

[2] Hazards Identification

Adverse Human Health Effects	The product is slightly corrosive in nature. Contact with eye & skin may cause irritation. Use plenty of water for washing.
Environmental Effects	The product is moderately toxic & advised to avoid it
Other Effects	Toxic, Irritates eyes & skin.

[3] First-aid Measures

Inhalation	Remove to fresh air. Give oxygen / artificial respiration of needed. Consult Doctor.
Ingestion	Do not induce vomiting. Give plenty of milk or water. Consult Doctor.
Eye Contact	Flush with copious clean water minimum 15 minutes ensure thorough irrigation. Consult Doctor.
Skin Contact	Remove contaminated clothing. Apply proprietary skin cleaner, then wash with copious soap and water. Apply skin cream.

[4] Fire-fighting Measures

General information	Do not use water. Use Foam/ CO ₂ if required
Suitable extinguishing media	Foam, CO ₂ , Chemical Powder etc.
Special Equipment	For large fire, wear self-contained breathing apparatus

[5] Accidental Release Measures / Spills and Leaks

Personal Precautions	Absorb onto inert material, e.g. sand, earth. Put into suitable containers. Prevent from entering water courses
Environmental measures	Provides umps for easy collection
Methods for cleaning up	Neutralize the residual product with mild solvent or with Acetone and with plenty of water.

[6] Handling & Storage

Handling	Avoid contact with the product, wear safety equipment & handle the product in well ventilated areas.
Storage	In mild steel vessels

[7] Exposure Controls / Personal Protection

Precaution	Installation of an eye wash fountain, don't take food & drinks at working place
Personal protective Equipment	Wear safety goggles, face shield, protective cloth, nose pad.
Periodic Health Check-up	Special measures are not foreseen, but alert in case of any necessity

[8] Ventilation

Local Exhaust	Ensure adequate ventilation to comply with OEL.
Protective Gloves	Rubber, PVC
Eye Protection	Safety goggles Long sleeved overalls

[9] Physical & Chemical Properties

Colour	Black
Viscosity @ 20 °C, poise	25 – 45
STV, 4mm, @ 30 °C, sec.	70 – 74
Ash, w/w, %	0.05 – 0.25
Phenol Content, w/w, %	0.1 – 1.0
Volatile content (2gm100 °C, 2hrs),%	5 – 7
Pyridine bases % as nitrogen	0.3 – 0.7
Density, 20 °C, g/cc	1.175 – 1.195
Toluene Insolubility, %, max.	10 – 14
Moisture, v/wt, %, max.	0.1
Distillation, °C, w/w, %	
0 – 170 °C	0 – 11
170 – 270 °C	6.5 – 21.5
270 – 300 °C	10.5 – 13.5
Flash Point Pensky Martens, °C	100 – 110

[10] Stability & Reactivity

Stability	Stable under normal conditions
Conditions to avoid	High temperatures
Incompatibility / Materials to avoid	Oxidising agents, strong acids, alkalis, Halogens
Hazardous Decomposition Products	Combustion produces toxic gases
Hazardous Polymerisation	Will not occur

[11] Toxicological Information

Possible results of Penetration & ingestion	NIL
Eye Contact	Irritation may become severe if not washed with plenty of water timely
Skin Contact	Will cause irritation, to be washed with water
Inhalation	Slightly inconvenient, to be at fresh air.

[12] Ecological Information

Biodegradability	NA
A Biotic degradability	NA
Ecotoxicity	NA
Chemical Oxygen Demand	NA

[13] Disposal Consideration

Incineration

[14] Transport Information

DOT / IATA/ IMDG Shipping Name:	Environmentally Hazardous Substance, Liquid, N.O.S. (Contains Creosote)
IMDG Class	9
UN No.:	3082
Packing Group	III

[15] Regulatory Information (Risk & Safety Phrases)

ShaliKote CT 101 is a hazardous goods.

Do not breathe the spray.

In case of insufficient ventilation, wear suitable respiratory equipment

Safety data sheet available for professional user on request.

[16] Other Health & Safety Information

Precautionary Statement:

Please note that the information contained herein is furnished without warranty of any kind. Users should consider these data as a Supplement to other information gathered by and make independent judgments of Suitability of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers. Sources used from some manufacturers.