

ShaliKote CT 102

Processed Coal Tar



STP Limited

Material Safety Data Sheet

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

| | |
|------------------------------|---|
| Trade Name | 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

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|-------------------------------------|---|
| 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

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|---------------------|--|
| 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

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|-------------------------------------|---|
| 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

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|--------------------------------|---|
| 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

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|-----------------|--|
| 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

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|--------------------------------------|---|
| 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

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|--------------------------|---|
| 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

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|---|---|
| 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

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|--|--|
| 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

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

[13] Disposal Consideration

Incineration

[14] Transport Information

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|--|---|
| 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.