

# MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-198/198-55-0.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

198-55-0

**Code:**

M

**RTECS:**

SE3794000

**Code:**

M

**Name:**

PERYLENE

**Other REC Limits:**

N/K

**OSHA PEL:**

N/K

**Code:**

M

**OSHA STEL:****Code:****ACGIH TLV:**

N/K

**Code:**

M N/P

**ACGIH STEL:**

EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem

**Code:**

1 ACGIH STEL:

## Control Measures

**Respiratory Protection:**

USE MSHA/NIOSH APPROVED RESPIRATOR

**Ventilation:**

GENERAL OR LOCAL EXHAUST TO KEEP

**Protective Gloves:**

PERMEATION RESISTANT ELASTOMERIC

**Eye Protection:**

CHEMICAL SPLASH GOGGLES

**Other Protective Equipment:**

Equipment COVERALLS, LONG-SLEEVED SHIRT, LONG PANTS, ELASTOMERIC BOOTS OR OVERSHOE.

**Work Hygienic Practices:**

WASH HANDS W/SOAP/WATER AFTER HANDLING & BEFORE EATING/SMOKING. SHOWER AT THE END OF WORK SHIFT.

**Supplemental Safety and Health:**

BOILING RANGE: 302-999F. OBSERVE MSDS & LABEL PRECAUTION UNTIL CONTAINERS ARE RECONDITIONED.

## Health Hazards Data

**LD50/LC50 Mixture:**

N/K

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

YES

**IARC:**

YES

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

INHALATION: RESPIRATORY TRACT IRRITATION. EYES: IRRITATION, DAMAGE. SKIN: IRRITATION, DERMATITIS, ACNE, REACTION, BLISTER. INGESTION: GI IRRITATION, NAUSEA, VOMITING & FATAL. 6

**Explanation Of Carcinogenicity:**

SILICA/COAL TAR/BENZO(A)PYRENE/LIGHTLY TREATED OR UNTREATED MINERAL OILS HAVE BEEN DETERMINED TO BE CARCINOGENS.

**Signs And Symptoms Of Overexposure:**

INHALATION: IT MAY CAUSE CANCER OF THE LUNG, KIDNEYS OR BLADDER. SKIN: PIGMENTATION, GROWTHS, CANCER. EYES: IRRITATION, DAMAGE. INGESTION: GI IRRITATION, NAUSEA, VOMITING & FATAL.

**Medical Cond Aggravated By Exposure:**

N/K

**First Aid:**

INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. ADMINISTER OXYGEN IF BREATHING IS DIFFICULT. EYES: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. SKIN: CLEAN AREA WITH CORN OIL/WATERLESS CLEANER, THEN FOLLOW W/SOAP & WATER. DON'T USE SOLVENTS TO CLEAN. USE HYPOCORTISONE CREAM FOR RELIEF. INGESTION: DON'T INDUCE VOMITING/GIVE ANYTHING BY MOUTH. OBTAIN MED ATTN IN ALL CASES.

**Spill Release Procedures:**

VENTILATE AREA & CONTAIN BY DIKING W/SAND EARTH OR OTHER INERT MATERIAL TO PREVENT ENTRY INTO SEWERS OR OPEN BODIES OF WATER. TRANSFER SPILLAGE TO CONTAINERS SUITABLE FOR RECOVERY OR DISPOSAL.

**Neutralizing Agent:**

N/K

**Waste Disposal Methods:**

INCINERATE AT A PERMITTED FACILITY IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

**Handling And Storage Precautions:**

COAL TAR IS A PHOTOTOXIC SUBSTANCE. STORE CONTAINERS SEPARATE FROM OXIDIZERS & IN ACCORDANCE W/ANSI/NFPA 30.

**Other Precautions:**

EMPTY CONTAINERS MAY CONTAIN HAZARDOUS LIQUID OR SOLID RESIDUES. DON'T FLAME-CUT/WELD/PUNCTURE. AVOID SKIN CONTACT. WASH CONTAMINATED CLOTHING BEFORE REUSE. DON'T WEAR CONTACT LENSES.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:****Flash Point Text:**

180F

**Autoignition Temp:**

N/A

**Autoignition Temp Text:**

N/A

**Lower Limits:**

N/K

**Upper Limits:**

N/K

**Extinguishing Media:**

DRY CHEMICAL, FOAM, CO2, WATER FOG

**Fire Fighting Procedures:**

WEAR MSHA/NIOSH APPROVED RESPIRATOR (PRESSURE DEMAND, SCBA) & FULL PROTECTIVE GEAR COOL EXPOSED CONTAINERS W/WATER SPRAY.

**Unusual Fire/Explosion Hazard:**

7 ELIMINATE IGNITION SOURCES IF HEATED >180F. IN CLOSED TANKS, WATER/FOAM MAY CAUSE FROTHING/ERUPTION. COMBUSTIBLE LIQUID. AUTOIGNITION TEMP: >410F.

## Physical/Chemical Properties

**HCC:****NRC/State IC No:****Net Prop WT For Ammo:**

N/P

**Boiling Point:****BP Text:**

SEE SUP.

**Melt/Freeze Pt:**

N/K

**M/P/F/P Text:**

N/K

**Decomp Temp:**

N/K

**Decomp Text:**

N/K

**Vapor Pres:**

N/K

**Vapor Density:**

1.0

**Volatile Org Content %:**

N/A

**Spec Gravity:**

1.12

**VOC Pounds/Gallon:**

N/A

**PH:**

N/K

**VOC Grams/Liter:**

N/A

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

N/K

**Solubility in Water:**

NEGLIGIBLE

**Appearance and Odor:**

BLACK, SEMI-SOLID PASTE, HYDROCARBON ODOR

**Percent Volatiles by Volume:**

25%

**Corrosion Rate:**

N/K

## Reactivity Data

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

N/K

**Materials To Avoid:**

STRONG OXIDIZERS, LIQUID CHLORINE, SODIUM, POTASSIUM HYPOCHLORITE, NITRIC ACID, & PEROXIDES.

**Hazardous Decomposition Products:**

OXIDES OF NITROGEN, CARBON, & SULFUR

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

N/K

## Toxicological Information

**Information:**

N/P

## MSDS Transport Information

**Information:**

N/P

## Regulatory Information

**Sara Title III Information:**

N/P

**Federal Regulatory Information:**

N/P

**State Regulatory Information:**

N/P

**Other Information:**

N/P

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