

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-122/12239-87-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
12239-87-1
Code:
M

RTECS:

Code:
X

Name:
PHTHALOCYANINE CHLORO-COPPER DERIV, (PIGMENT SKYU

Other REC Limits:
N/K

OSHA PEL:
N/K
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
WEAR APPROPRIATE, PROPERLY FITTED RESPIRATOR (NIOSH/MSHA APPROVED) DURING & AFTER APPLICATION UNLESS AIR MONITORING VAPOR/MIST LEVELS ARE BELOW APPLICABLE LIMITS. FOLLOW RESPIRATOR MANUFACTURERS DIRECTIONS FOR RESPIRATOR USE.

Ventilation:
REQUIRED WHEN SPRAYING OR APPLYING IN CONFINED AREA

Protective Gloves:
USUAL HAND PROTECTION

Eye Protection:
USUAL EYE PROTECTION

Other Protective Equipment:
Equipment USUAL CLOTHING FOR PAINTING OPERATIONS

Work Hygienic Practices:
N/K

Supplemental Safety and Health:
N/K

Health Hazards Data

LD50LC50Mixture:
N/K

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
2 INHALATION: HARMFUL, EFFECTS TO THE BRAIN, NERVOUS SYSTEM OR RESPIRATORY SYSTEM, DIZZINESS, HEADACHE, NAUSEA, RESPIRATORY IRRITATION, BRONCHITIS OR BRONCHIAL SPASMS. EYES: IRRITATION. SKIN: ABSORPTION & IRRITATION.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
INHALATION: HARMFUL, EFFECTS TO THE BRAIN, NERVOUS OR RESPIRATORY SYSTEM, DIZZINESS, HEADACHE, NAUSEA, RESPIRATORY IRRITATION, BRONCHITIS, OR BRONCHIAL SPASMS. EYES: IRRITATION. SKIN: ABSORPTION & IRRITATION.

Medical Cond Aggravated By Exposure:
RESPIRATORY OR SKIN CONDITIONS

First Aid:
EYES: FLUSH IMMEDIATELY W/PLENTY OF WATER FOR AT LEAST 15 MINS. SKIN: WASH THOROUGHLY W/SOAP & WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:
VENTILATE AREA. REMOVE SPILLS W/INERT ABSORBENT.

Neutralizing Agent:
N/K

Waste Disposal Methods:
DISPOSE IN CHEMICAL DISPOSAL AREA OR IN A MANNER THAT COMPLIES W/LOCAL, STATE, & FEDERAL REGULATIONS. DON'T INCINERATE CLOSED CONTAINERS.

Handling And Storage Precautions:
KEEP CONTAINERS CLOSED WHEN NOT IN USE. DON'T STORE >120F. KEEP FROM FREEZING. EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUE.

Other Precautions:
DON'T CUT, PUNCTURE, OR WELD CONTAINERS. ALL LABEL WARNINGS MUST BE OBSERVED UNTIL CONTAINER HAS BEEN CLEANED, RECONDITIONED, OR PROPERLY DISPOSED OF.

Fire and Explosion Hazard Information

Flash Point Method:
TCC

Flash Point:

Flash Point Text:
205F

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
3%

Upper Limits:
13%

Extinguishing Media:
CO2, DRY CHEMICAL, FOAM, OR WATER FOG

Fire Fighting Procedures:
WEAR SELF-CONTAINED BREATHING APPARATUS OR AIR MASKS. CONTAINERS EXPOSED TO FIRE SHOULD BE KEPT COOL W/WATER SPRAY.

Unusual Fire/Explosion Hazard:
N/K 3

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
212F

Melt/Freeze Pt:

M.P/F.P Text:
N/K

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
24

Vapor Density:
7.4

Volatile Org Content %:

Spec Gravity:
1.05

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
(BU AC = 1): 4

Solubility in Water:
SOLUBLE

Appearance and Odor:
NORMAL FOR A COATINGS PRODUCT.

Percent Volatiles by Volume:
74.66%

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
FIRE, TEMPERATURES >120F, &FREEZING

Materials To Avoid:
WARRANTY
WATER-REACTIVE MATERIALS 4

Hazardous Decomposition Products:
CO2, CO

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

Other Information:N/P