

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-650/6505-28-8.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
6505-28-8
Code:
M

RTECS:

Code:
X

Name:
TITANIUM DIOXIDE, DIANISIDINE ORANGE PIGMENT

Other REC Limits:
5 MG/CUM DUST

OSHA PEL:
15 MG/CUM
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
10 MG/CUM (DUST)
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
IF TLV OF THE PRODUCT OR ANY COMPONENT OF IT IS EXCEEDED, NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL. OSHA REGULATIONS ALSO PERMIT OTHER NIOSH/MS HA RESPIRATORS UNDER SPECIFIC CONDITIONS

Ventilation:
IF THE PRODUCT IS USED IN A CONFINED AREA, PROVIDE SUFFICIENT MECHANICAL/LOCAL EXHAUST VENTILATION TO KEEP

Protective Gloves:
SOLVENT RESISTANT

Eye Protection:
CHEMICAL SAFETY SPLASH GOGGLES

Other Protective Equipment:
Equipment AS REQUIRED TO AVOID SKIN CONTACT OR BREATHING VAPORS.

Work Hygienic Practices:
N/K

Supplemental Safety and Health:
WT/GAL: 6.04 LBS.

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:
INHALATION: CAN LEAD TO CENTRAL NERVOUS SYSTEM DEPRESSION, HEADACHE, DIZZINESS, NAUSEA & LOSS OF CONSCIOUSNESS. EYES/SKIN: BURNING, IRRITATION.

Explanation Of Carcinogenicity:
NONE

Signs And Symptoms Of Overexposure:
INHALATION: ANESTHETIC EFFECTS, LACK OF COORDINATION, HEADACHE, NAUSEA, UNCONSCIOUSNESS & DEATH. INGESTION: MAY RESULT IN VOMITING. ASPIRATION OF VOMITUS INTO LUNGS MUST BE AVOIDED AS EVEN SMALL QTYS IN THE LUNGS MAY RESULT IN CHEMICAL PNEUMONITIS & PULMONARY EDEMA. SKIN: CAN CAUSE DEFATTING, DRYING & DERMATITIS.

Medical Cond Aggravated By Exposure:
N/K

First Aid:
EYE: WASH W/PLENTY OF WATER FOR 15 MINS. CALL PHYSICIAN. SKIN: WASH W/MILD SOAP & WATER. TREAT BURNED OR FROSTBITTEN BY IMMERSING IN LUKEWARM WATER. IF SKIN ISN'T BURNED, KEEP WARM/STIMULATE W/MASSAGE . CALL PHYSICIAN. INHALATION: REMOVE TOFRESH AIR. IN CASE OF UNCONSCIOUSNESS, APPLY ARTIFICIAL RESPIRATION/OXYGEN AS INDICATED. CALL PHYSICIAN. INGESTION: DON'T INDUCE VOMITING. CALL PHYSICIAN.

Spill Release Procedures:
ELIMINATE ALL POSSIBLE IGNITION SOURCES. PROVIDE ADEQUATE VENTILATION. TAKE UP WITH AN ABSORBENT MATERIAL & PLACE IN NON-LEAKING CONTAINER. SEAL FOR PROPER DISPOSAL.

Neutralizing Agent:
N/K

Waste Disposal Methods:
DONT INCINERATE CLOSED CONTAINERS. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, & FEDERAL REGULATIONS.

Handling And Storage Precautions:
STORE AWAY FROM IGNITION SOURCES IN A COOL WELL VENTILATED AREA. HANDLE AS EXTREMELY FLAMMABLE LIQUID & GAS. DON'T DROP CONTAINER.

Other Precautions:
N/K

Fire and Explosion Hazard Information

Flash Point Method:
SCC

Flash Point:

Flash Point Text:
<-40F

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
1.0%

Upper Limits:
12.0%

Extinguishing Media:
4 ALCOHOL RESISTANT FOAM, CO2, DRY CHEMICAL

Fire Fighting Procedures:
A STREAM OF WATER COULD SPREAD FIRE. AVOID BREATHING VAPORS. COOL FIRE EXPOSED CONTAINERS WITH WATER.

Unusual Fire/Explosion Hazard:
VAPOR IS HEAVIER THAN AIR & MAY TRAVEL A LONG DISTANCE TO IGNITION SOURCE & FLASH BACK. HEAT MAY CAUSE BURSTING.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
-44F

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
52 PSIG

Vapor Density:
2.86

Volatile Org Content %:

Spec Gravity:
.725

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
(ETHER = 1): >1

Solubility in Water:
12% 5

Appearance and Odor:
ORANGE LIQUID

Percent Volatiles by Volume:
88.4%

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
AVOID HEAT, SPARKS, FLAME & OTHER IGNITION SOURCES.

Materials To Avoid:
STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:
CO IF BURNED WITH INSUFFICIENT AIR

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NONE

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



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

WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.