

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-437/4378-61-4.html> for suppliers of this product.

Composition/Information on Ingredient

Cas: 4378-61-4
Code: M
RTECS:
Code: X
Name: C.I. PIGMENT RED 168 *92-2*
Other REC Limits: N/K
OSHA PEL: 15 MG/CUM
Code: M
OSHA STEL:
Code:
ACGIH TLV: 10 MG/CUM
Code: M
ACGIHSTEL: N/P
Code: 2

Control Measures

Respiratory Protection: WEAR A POSITIVE PRESSURE SUPPLIED AIR RESPIRATOR (NIOSH/MSHA TC-19C) WHILE MIXING ACTIVATOR W/ENAMEL DURING APPLICATION & UNTIL ALL VAPORS & SPRAY MISTS ARE EXHAUSTED.
Ventilation: SUFFICIENT VENTILATION IN VOLUME & PATTERN TO KEEP
Protective Gloves: NEOPRENE 4
Eye Protection: SPLASH GUARDS OR SIDE SHIELDS
Other Protective Equipment: Equipment COVERALLS
Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING &BEFORE EATING OR SMOKING.
Supplemental Safety and Health: BOILING RANGE: 169-374F. INDIVIDUALS WITH A HISTORY OF LUNG OR BREATHING PROBLEMS OR PRIOR REACTION TO ISOCYANATE SHOULD NOT USE OR BE EXPOSED TO THIS PRODUCT WHEN ACTIVATED. VOLATILE PERCENT BY WEIGH T: 42.8-64.2%

Health Hazards Data

LD50LC50Mixture: N/K
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Health Hazards Acute And Chronic: INGESTION: GASTROINTESTINAL DISTRESS. INHALATION: NOSE/THROAT IRRITATION, EYE WATERING, HEADACHES, NAUSEA, DIZZINESS, COORDINATION LOSS, ASTHMA-LIKE REACTIONS W/SHORTNESS OF BREATH, WHEEZING, COUGH OR LUNG SENSITIZATION. EYES: IRRITATION OR BURNING. SKIN: IRRITATION W/DISCOMFORT & DERMATITIS.
Explanation Of Carcinogenicity: NONE
Signs And Symptions Of Overexposure: INGESTION: GASTROINTESTINAL DISTRESS. INHALATION: PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. EYES: IRRITATION OR BURNING. SKIN: IRRITATION W/DISCOMFORT & DERMATITIS.
Medical Cond Aggravated By Exposure: LUNG, BREATHING PROBLEMS.
First Aid: INHALATION: REMOVE TO FRESH AIR. EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. SKIN: WASH W/SOAP & WATER. INGESTION: OBTAIN MEDICAL ATTENTION IN ALL CASES. 3
Spill Release Procedures: VENTILATE AREA. REMOVE SOURCES OF IGNITION. CONFINE & REMOVE W/INERT ABSORBENT. DEACTIVATE ISOCYANATE CONTAINING SPILLS WITH: 20% SURFACTANT (TERGITOL TMN-10) & 80% WATER OR 0-10% AMMONIA, 2-5% DETERG ENT, BALANCE WATER.
Neutralizing Agent: 20% SURFACTANT & 80% WATER OR 0-10% AMMONIA, 2-5% DETERGENT, BALANCE WATER
Waste Disposal Methods: DON'T ALLOW MATERIAL TO CONTAMINATE GROUND WATER SYSTEMS. INCINERATE ABSORBED MATERIAL IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REQUIREMENT. DON'T INCINERATE IN CLOSED CONTAINERS. FLAMMABLE LIQUID UN1263
Handling And Storage Precautions: OBSERVE LABEL PRECAUTIONS. KEEP AWAY FROM HEAT, SPARKS & FLAME. CLOSE CONTAINER AFTER EACH USE. GROUND CONTAINERS WHEN POURING. DON'T STORE >120F.
Other Precautions: DON'T SAND, FLAME CUT, BRAZE OR WELD DRY COATING W/OUT A NIOSH/MSHA APPROVED RESPIRATOR OR APPROPRIATE VENTILATION. DON'T BREATHE VAPORS OR MISTS. DON'T PERMIT ANYONE W/OUT PROTECTION IN THE PAINTING AREA. AVOID CONTACT W/SKIN.

Fire and Explosion Hazard Information

Flash Point Method: CC
Flash Point:
Flash Point Text: 20-73F
Autoignition Temp:
Autoignition Temp Text: N/A
Lower Limits: 0.9%
Upper Limits: 23%
Extinguishing Media: WATER SPRAY, FOAM, CO2, DRY CHEMICAL
Fire Fighting Procedures: USE FULL PROTECTIVE EQUIP & SCBA. USE WATER TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD UP.
Unusual Fire/Explosion Hazard: WHEN HEATED ABOVE FLASH POINT , EMITS FLAMMABLE VAPORS, WHEN MIXED W/AIR CAN BURN/EXPLODE. FINE MISTS/SPRAYS MAY BE FLAMMABLE AT TEMPS BELOW THE FLASH POINT.

Physical/Chemical Properties

HCC:
NRC/State LIC No:
Net Prop WT For Ammo:
Boiling Point:
B.P. Text: SEE SUPP
Melt/Freeze Pt:
M.P/F.P Text: N/K
Decomp Temp:
Decomp Text: N/K
Vapor Pres: N/K
Vapor Density: >AIR
Volatile Org Content %:
Spec Gravity: N/K
VOC Pounds/Gallon:
PH: N/K
VOC Grams/Liter:
Viscosity: N/P
Evaporation Rate & Reference: SLOWER THAN ETHER
Solubility in Water: MISCIBLE
Appearance and Odor: N/K
Percent Volatiles by Volume: 60-70%
Corrosion Rate: N/K

Reactivity Data

Stability Indicator: YES
Stability Condition To Avoid: HEAT, SPARKS, OPEN FLAME, TEMPS >120F OR OTHER SOURCES OF IGNITION
Materials To Avoid: N/K
Hazardous Decomposition Products: CO, CO2, SMOKE, OXIDES OF HEAVY METALS
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
