

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

ACGIH STEL:

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 WEIGHT: 42.8-64.2%

Health Hazards Data

LD50/LC50 Mixture:

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 Symptoms 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% DETERGENT, 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:**

CC

Boiling Point:**B.P. Text:**

SEE SUPP

Melt/Freeze Pt:

NO

Decomp Temp:

NO

Decomp Text:

N/K

Vapor Pres:

N/K

Vapor Density:

>AIR

Volatile Org Content %:**Spec Gravity:**

N/K

VOC Pounds/Gallon:**VOC N/K:****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

Other Information:

N/P

Toxicological Information

Information:

N/P

MSDS/Transport Information

Regulatory Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Other Information

Other Information:

N/P

Look for Chemicals

www.lookchem.com

© 2010 LookChem, Inc. All rights reserved.

LookChem is a registered trademark of LookChem, Inc.

LookChem is a registered trademark of LookChem, Inc.