

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-142/14295-43-3.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

14295-43-3

**Code:**

M

**RTECS:****Code:**

X

**Name:**

THIO INDIGO PIGMENT

**Other REC Limits:**

N/K

**OSHA PEL:**

N/K

**Code:**

M

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

N/K

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

USE PROPERLY FITTED VAPOR/PARTICULATE RESPIRATOR APPROVED BY NIOSH/MSHA (TC-23C) FOR VAPORS & SPRAY MISTS. IN CONFINED SPACES/CONTINUOUS SPRAY OPERATIONS, USE A POSITIVE-PRESSURE, SUPPLIED-AIR RESPIRATOR (TC-19C).

**Ventilation:**

SUFFICIENT IN VOLUME & PATTERN TO KEEP

**Protective Gloves:**

NEOPRENE

**Eye Protection:**

SPLASH GUARDS OR SIDE SHIELDS

**Other Protective Equipment:**

Equipment COVERALLS 5

**Work Hygienic Practices:**

WASH THOROUGHLY AFTER HANDLING & BEFORE EATING OR SMOKING.

**Supplemental Safety and Health:**

PERCENT VOLATILE BY WEIGHT: 32-60%

## 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, HEADACHE, NAUSEA, DIZZINESS, LOSS OF COORDINATION, PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. EYES: WATERING, IRRITATION, & BURNING. SKIN: IRRITATION, DISCOMFORT & DERMATITIS.

**Explanation Of Carcinogenicity:**

NONE

**Signs And Symptoms Of Overexposure:**

INGESTION: GASTROINTESTINAL DISTRESS. INHALATION: NOSE & THROAT IRRITATION, HEADACHE, NAUSEA, DIZZINESS, LOSS OF COORDINATION, PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. EYES: WATERING, IRRITATION, & BURNING. SKIN: IRRITATION, DISCOMFORT, & DERMATITIS.

**Medical Cond Aggravated By Exposure:**

N/K

**First Aid:**

INHALATION: REMOVE TO FRESH AIR. EYES: FLUSH W/WATER FOR AT LEAST 15 MINS. SKIN: WASH W/SOAP & WATER. INGESTION: OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**

REMOVE IGNITION SOURCES. VENTILATE AREA. WEAR PROTECTIVE EQUIPMENT. CONFINE & REMOVE W/INERT ABSORBENT.

**Neutralizing Agent:**

4 N/K

**Waste Disposal Methods:**

DON'T ALLOW MATERIAL TO CONTAMINATE GROUND WATER SYSTEMS. INCINERATE ABSORBED MATERIAL IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS. DON'T INCINERATE CLOSED CONTAINERS. FLAMMABLE LIQUID. UN1263.

**Handling And Storage Precautions:**

DON'T STORE >120F. CLOSE CONTAINERS AFTER EACH USE. GROUND CONTAINERS WHEN POURING. DON'T SAND/FLAME CUT/BRAZE/WELD DRY COATING WITHOUT RESPIRATOR.

**Other Precautions:**

AVOID CONTACT W/SKIN. DON'T BREATH VAPORS/MISTS.

## Fire and Explosion Hazard Information

**Flash Point Method:**

CC

**Flash Point:**

73F

**Autoignition Temp:**

N/A

**Autoignition Temp Text:**

N/A

**Lower Limits:**

0.7%

**Upper Limits:**

23%

**Extinguishing Media:**

WATER SPRAY, FOAM, CO<sub>2</sub>, OR DRY CHEMICAL

**Fire Fighting Procedures:**

WEAR FULL PROTECTIVE CLOTHING & SELF-CONTAINED BREATHING APPARATUS. WATER FROM FOG NOZZLES MAY BE USED TO COOL CONTAINERS TO PREVENT PRESSURE BUILD UP.

**Unusual Fire/Explosion Hazard:**

WHEN HEATED >FLASHPOINT, EMITS FLAMMABLE VAPORS WHICH, WHEN MIXED W/AIR, CAN BURN/EXPLODE. FINE MISTS/SPRAYS MAY BE FLAMMABLE AT TEMPS

## Physical/Chemical Properties

**HCC:****NRC/State Lic No:****Net Prop WT For Ammo:****Boiling Point:**

172.4-424F

**Melting/Freeze Pt:**

N/K

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

N/K

**Decomp Temp:**

N/A

**Decomp Text:**

N/A

**Vapor Pres:**

N/K

**Vapor Density:**

>Air

**Volatile Org Content %:**

N/A

**Spec Gravity:**

N/K

**PH:**

N/K

**VOC Grams/Liter:**

N/A

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

LESS THAN ETHER

**Solubility in Water:**

MISCIBLE

**Appearance and Odor:**

N/K

**Percent Volatile to Volume:**

48-68%

**Corrosion Rate:**

N/K

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

HEAT, SPARKS, FLAME, & OTHER IGNITION SOURCES

**Materials To Avoid:**

N/K

**Hazardous Decomposition Products:**

CO, CO<sub>2</sub> & SMOKE

**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



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