

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-686/68610-51-5.html> for suppliers of this product.

### Composition/Information on Ingredient

68610-51-5

**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
PHENOL, 4-METHYL-, REACTION PRODUCTS. LD50:(ORAL,

**Other REC Limits:**  
N/P

**OSHA PEL:**  
N/P

**Code:**

**OSHA STEL:**  
N/P

**Code:**

**ACGIH TLV:**  
N/P

**Code:**

**ACGIH STEL:**  
N/P

**Respiratory Protection:**  
A NIOSH APPROVED RESPIRATOR

FUMES.

**Ventilation:**  
LOCAL EXHAUST &/OR MECHANICAL (GENERAL); RECOMMENDED TO MINIMIZE EXPOSURE.

**Protective Gloves:**  
5 IMPERVIOUS GLOVES.

**Eye Protection:**  
ANSI APPROVED CHEMICAL WORKERS GOGGLES AND FULL LENGTH FACESHIELD (FP N).

**Other Protective Equipment:**  
Equipment ANSI APPROVED EMERGENCY EYE WASH AND DELUGE SHOWER (FP N).

**Supplemental Safety and Health:** PHYSICAL/CHEMICAL CHARACTERISTICS: ODOR THRESHOLD (PPM): NOT DETERMINED. COEFFICIENT WATER/OIL DISTRIBUTION: NOT DETERMINED.

DISTRIBUTION: NOT DETERMINED.

**LD50LC50Mixture:**  
SEE INGREDIENTS

<b>Route Of Entry Inds - Inhalation:</b>
YES
<b>Skin:</b>
YES
<b>Ingestion:</b>
YES
<b>Carcinogenicity Inds - NTP:</b>
NO
<b>IARC:</b>
NO
<b>OSHA:</b>
NO
<b>Health Hazards Acute And Chronic:</b>
ACUTE: INHALATION OF FUMES DURING HOT PROCESSING CAN CAUSE IRRITATION TO THE RESPIRATORY TRACT AND EYES. INGESTION OF THE PRODUCT IN LARGE QUANTITIES MAY CAUSE MILD DIGESTIVE IRRITATION. CHRONIC: STUDIES INDICATE EXTENDED EXPOSURE TO HOT RUBBER COMPOUND FUMES MAY CAUSE SOME LOSS OF LUNG CAPACITY. REPEATED OR PROLONGED SKIN CONTACT MAY CAUSE AN ALLERGIC SKIN REACTION IN SOME PEOPLE. NOTE: PRODUCT FORM SHOULD MINIMIZE EXPOSURE MAKING HEALTH EFFECTS LESS LIKELY.
<b>Explanation Of Carcinogenicity:</b>
N/P
<b>Signs And Symptoms Of Overexposure:</b>
SEE HEALTH HAZARDS.
<b>Medical Cond Aggravated By Exposure:</b>
NONE KNOWN.
<b>First Aid:</b>
INHALATION: MOVE TO FRESH AIR. INGESTION: CONSULT MD. SKIN: WASH WITH SOAP AND WATER. EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES, IF IRRITATION PERSISTS, CONSULT MD
<b>Spill Release Procedures:</b>
PLACE IN A SUITABLE CONTAINER FOR REUSE OR DISPOSAL.
<b>Neutralizing Agent:</b>
N/P
<b>Waste Disposal Methods:</b>
4 WASTE DISPOSAL METHOD I/A/W ALL FEDERAL, STATE AND LOCAL REGULATIONS. RCRA STATUS: THE FOLLOWING CHEMICAL COMPONENTS ARE LISTED UNDER (40 CFR 261): NONE.
<b>Handling And Storage Precautions:</b>
AVOID CONTACT WITH EYES, SKIN AND CLOTHING.
<b>Other Precautions:</b>
NONE KNOWN.

**Flash Point:**

**Flash Point Text:**  
NOT APPLICABLE

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/A

**Upper Limits:**  
N/A

**Extinguishing Media:**  
WATER.

**Fire Fighting Procedures:**  
USE NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N).

**Unusual Fire/Explosion Hazard:**  
FLAMMABLE. HEAVY DENSE SMOKE IS GENERATED DURING BURNING. MATERIAL MUST BE PREHEATED BEFORE IGNITION CAN OCCUR.  
SENSITIVITY TO MECHANICAL IMPACT &/OR STATIC DISCHARGE: NOT APPLICABLE. HAZARDOUS COMBUSTION PRODUCTS: CO\*X,  
SO\*X, NO\*X. HMIS RATINGS: HEALTH - 1; FLAMMABILITY - 1; REACTIVITY - 0.

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**Physical/Chemical Properties**

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
NOT APPLICABLE

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
NOT APPLICABLE

**Decomp Temp:**

**Decomp Text:**  
N/P

**Vapor Pres:**  
NOT APPLICABLE (MM HG)

**Vapor Density:**  
N/A(AIR=1)

**Volatile Org Content %:**

**Spec Gravity:**  
1.23(CALCULATED)(H\*2O=1)

**VOC Pounds/Gallon:**

**PH:** NOT APPLICABLE

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
NOT APPLICABLE

**Solubility in Water:**  
NOT SOLUBLE 6

**Appearance and Odor:**  
OFF-WHITE SOLID; SLIGHT MERCAPTAN ODOR.

**Percent Volatiles by Volume:**  
N/P

**Corrosion Rate:**  
N/P

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**Reactivity Data**

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
EXCESSIVE HEAT AND OPEN FLAMES.

**Materials To Avoid:**  
ACIDS.

**Hazardous Decomposition Products:**  
CO\*X, SO\*X, NO\*X.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NONE. HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

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## Toxicological Information

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## MSDS Transport Information

## Regulatory Information

**Sara Title III Information:** N/P

**Federal Regulatory Information:** N/P

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Other Information

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Other Information:N/P