

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-326/32610-77-8.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
32610-77-8

**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
FORMALDEHYDE POLYMER W/4-(1,1-DIMETHYL) PHENOL AN

**Other REC Limits:**  
NONE RECOMMENDED

**OSHA PEL:**  
NOT ESTABLISHED

**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
NOT ESTABLISHED

**Code:**  
M

**ACGIHSTEL:**  
N/P

**Code:**

## Control Measures

**Respiratory Protection:**  
NIOSH APPROVED RESPIRATORY PROTECTION REQUIRED IN THE ABSENCE OF PROPER ENVIRONMENTAL CONTROL. FOR EMERGENCIES, A SELF-CONTAINED BREATHING APPARATUS, OR FULL FACE RESPIRATOR IS RECOMMENDED.

**Ventilation:**  
WHEN WORKING IN CONFINED AREAS, NIOSH APPROVED RESPIRATORS ARE REQUIRED.

**Protective Gloves:**  
CHEMICAL RESISTANT RUBBER LON SLEEVES.

**Eye Protection:**  
SAFETY GLASSES OR GOGGLES.

**Other Protective Equipment:**  
Equipment LONG SLEEVE CLOTHING.

**Work Hygienic Practices:**  
WASH THOROUGHLY AFTER HANDLING.

**Supplemental Safety and Health:**  
\*\*\*ITEM IS A TWO PART KIT.\*\*\*

## Health Hazards Data

**LD50LC50Mixture:**  
ORAL LD50 (RAT) IS 414 MG/KG

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
EYES-MOERATE EYE IRRITATION. SKIN-MODERATE SKIN IRRITANT. INHALATION-PROLONGED INHALATION OF HEATED VAPORS MAY CAUSE IRRITATION OF THE NOSE, THROAT AND RESPIRATORY TRACT. INGESTION-LIQUID MAY CAUSE SE VERE DAMAGE TO MUCOUS MEMBRANES IF SWALLOWED.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
REPEATED EXCESSIVE OVEREXPOSURE TO PHENOL HAVE CAUSED LIVER AND KIDNEY EFFECTS IN LABORATORY ANIMALS. REPEATED EXCISIVE OVEREXPOSURE TO THIS PRODUCT MAY CAUSE SKIN SENSITIZATION.

**Medical Cond Aggravated By Exposure:**  
ASTHMA. CHRONIC RESPIRATORY DISEASE. EYE DISEASE. SKIN ALLERGIES.

**First Aid:**  
3 EYE-FLUSH WITH PLENTY OF WATER FOR 15 MIN. GET PROMPT MEDICAL ATTENTION. SKIN-WASH AREA WITH SOAP & WATER FOR 15 MIN. IF SYMPTOMS PERSISTS, CONTACT A PHYSICIAN. INHALATION-REMOVE TO FRESH AIR AND PROV IDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION IF EFFECTS OCCUR. INGESTION-DO NOT INDUCE VOMITING. GIVE WATER OR MILK IF AVAILBLE. SEEK MEDICAL ATTENTION IMMEDIATELY.

**Spill Release Procedures:**  
AVOID PERSONAL CONTACT. ABSORB ON INERT MATERIAL SUCH AS SAND, EARTH OR VERMICULITE AND PLACE INTO A SUITABLE, LABELED CONTAINER FOR WASTE DISPOSAL. RESIDUE MAY BE CLEANED WITH A SAFETY SOLVENT . WEAR ADEQUATE PROTECTIVE CLOTHING.

**Neutralizing Agent:**  
NONE SPECIFIED BY MANUFACTURER.

**Waste Disposal Methods:**  
DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

**Handling And Storage Precautions:**  
STORE IN A COOL DRY PLACE WITH ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES. KEEP AWAY FROM HEAT.

**Other Precautions:**  
AVOID PROLONGED OR REPEATED INHALATION OF HEATED VAPORS OR SPRAY MISTS. AVOID PROLONGED OR REPEATED SKIN CONTACT.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
200F,93C; PMCC

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/K

**Lower Limits:**

**Upper Limits:**

**Extinguishing Media:**  
N/P

**Fire Fighting Procedures:**  
N/P 4

**Unusual Fire/Explosion Hazard:**  
N/P

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
N/A

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
N/A 5

**Decomp Temp:**

**Decomp Text:**  
N/A

**Vapor Pres:**  
N/P

**Vapor Density:**  
N/P

**Volatile Org Content %:**

**Spec Gravity:**  
N/P

**VOC Pounds/Gallon:**

**PH:** N/P

**VOC Grams/Liter:**

**Viscosity:**  
N/K

**Evaporation Rate & Reference:**  
N/P

**Solubility in Water:**  
N/P

**Appearance and Odor:**

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

**Corrosion Rate:**  
N/P

## Reactivity Data

**Stability Indicator:**  
N/P

**Stability Condition To Avoid:**  
N/P

**Materials To Avoid:**  
N/P

**Hazardous Decomposition Products:**  
CARBON MONOXIDE, CARBON DIOXIDE, AND OXIDES OF NITROGEN.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NONE.

## Toxicological Information

Information:N/P

## MSDS Transport Information

Information:N/P

## Regulatory Information

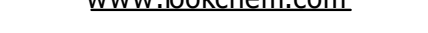
**Sara Title III Information:** N/P

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

## Other Information

Other Information:N/P



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