

## MATERIAL SAFETY DATA SHEET

<b>Manufacturer:</b> Metatron Mfg.Co <b>Address:</b> Río Rhin No. 56, Col. Cuauhtémoc, 06500, Del. Cuauhtémoc, México D.F.		<b>Emergency Response Number:</b> <b>Telephone:</b> (52) 55-30 93 99 40 <b>E-mail:</b> info@metatron.com.mx				
<b>SECTION 1 – PRODUCT INFORMATION</b>						
<b>Chemical Family:</b> Petroleum Hydrocarbons and Additives		<b>Trade Name:</b> <b>Metatron 48 #1</b>				
<b>Formula:</b> Solvent refined paraffin base oils, bentone base thickeners, extreme pressure additives, rust and oxidation inhibitors, molybdenum disulfide antimony dithiocarbamate, tackiness agents.						
<b>SECTION 2 – HAZARDOUS INGREDIENTS</b>						
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES	CAS Number	%	Exposure Limits			
			TVL		PEL	
			ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Mixture of Paraffin Base Petroleum Oils	64742-62-7, 64742-54-7, 64742-65-0, 64742-57-0	84-86		5		5
Organophilic Clay Thickener	71011-25-1	5-7		NE		NE
Olefin Co Polymer Tackiness Agent	9003-27-4	3-4		5		5
Molybdenum Dibutylidithiocarbamate	68412-26-0	.5-1.5		10		
Zinc Diamyldithiocarbamate	15337-18-5	1-2		NE		
Antimony Dithiocarbamate	15890-25-2	1-3		.5 (as Sb)		
<b>Section 3 – PHYSICAL DATA</b>						
<b>Boiling Point:</b>	600°F/315.5°C	<b>Specific Gravity:</b>	.9			
<b>Vapor Pressure (mm, Hg):</b>	<.1	<b>% Volatile:</b>	Not Determined			
<b>Vapor Density (Air = 1):</b>	Not Determined	<b>Evaporation Rate: (=1)</b>	Not Applicable			
<b>Solubility in Water:</b>	Negligible	<b>pH:</b>	Not Applicable			
<b>Appearance and Odor:</b> Tan color, slight smell						
<b>SECTION 4 - FIRE AND EXPLOSION HAZARD DATA</b>						
<b>Flash Point (Method) °F/°C:</b> 530°F/276.7°C C.O.C.		<b>Flammability Limits UEL &amp; LEL</b> ----Not Determined				
<b>Extinguishing Media:</b> Carbon dioxide foam, dry chemical foam, sand, earth, waterfog.						
<b>Special Fire Fighting Procedures:</b> For fires involving this material, do not enter any enclosed or confined space without protective equipment including self-contained breathing apparatus.						
<b>Unusual Fire &amp; Explosion Hazards:</b> None expected						
<b>SECTION 5 - REACTIVITY HAZARD DATA</b>						
<b>STABILITY</b> <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE		<b>Hazardous Decomposition</b> <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR				
<b>Conditions to Avoid:</b> High heat, high energy ignition sources						
<b>Incompatibility (Mat. to avoid):</b> Strong oxidizers						
<b>Hazardous Decomposition Products:</b> Oxides of carbon, sulfur, nitrogen and antimony						
<b>Conditions to Avoid:</b> None						
<b>SECTION 6 - HEALTH HAZARD DATA</b>						
<b>Threshold Limit Value and Sources:</b> 5.0/mg/m <sup>3</sup> for oil mist. OSHA & ACGIH.						
<b>Acute Effects of Overexposure:</b>						
<b>Ingestion:</b>	Nausea and Diarrhea. Tackiness agents in this product can possibly be coagulated by stomach acids.					
<b>Eye Contact:</b>	Irritation and redness to eyes					
<b>Skin Contact:</b>	Prolonged and repeated contact with the skin can cause irritation and redness to skin.					
<b>Inhalation:</b>	Vapors can be given off under high heat conditions excessive breathing of vapors can cause irritation of the respiratory tract.					
<b>CHRONIC EFFECTS OF OVEREXPOSURE:</b> If ingested in large amounts or repeatedly, damage to the cardiovascular system and respiratory tract can occur.						
<b>Emergency and First Aid Procedures:</b>						
<b>Swallowing:</b>	If a large amount of this material is swallowed give a large amount of water to drink. Do not induce vomiting. Seek medical attention immediately. Treat medically for possible abdominal blockage.					
<b>Skin:</b>	Wash skin thoroughly with soap and water. Launder contaminated clothing.					
<b>Inhalation:</b>	Remove victim to fresh air. If breathing is labored administer oxygen. If breathing has stopped start artificial respiration immediately.					
<b>Eyes:</b>	Flush eyes with clear, cool, clean water for 15 minutes. Seek medical attention immediately					
<b>SECTION 7 – SPILL OR LEAK PROCEDURES</b>						
<b>Environmental Impact:</b> This material is not expected to present any environmental problems other than those associated with oil spills. If spilled into a watercourse, call the Coast Guard Toll Free No. 800-424-8802.						
<b>Procedures To Be Taken If Material Is Released or Spilled:</b> Immediately absorb spilled material with absorbent clay, diatomaceous earth or other suitable material. Keep out of sewers and waterways.						
<b>Waste Disposal Method:</b> Dispose of at an approved waste or disposal site facility in accordance with all applicable federal, state and local laws and regulations.						

<b>SECTION 8 – SPECIAL PROTECTION INFORMATION</b>	
<b>Respiratory Protection:</b>	None required under ordinary conditions of use.
<b>Ventilation:</b>	No special requirement under ordinary conditions of use and with adequate ventilation.
<b>Eye Protection:</b>	Goggles or face shield.
<b>Protective Clothing:</b>	None required.
<b>SECTION 9 – SPECIAL PRECAUTIONS</b>	
<b>Precautions To Be Taken In Handling and Storage:</b> Do not store near heat, spark, flame or strong oxidizers. Keep containers closed when not in use.	
<b>Special Comments:</b> Remove oil soaked clothing, launder before reuse. Wash skin thoroughly with soap and water after handling. Keep away from food and feed products. Throw away oil soaked shoes.	
<b>SECTION 10 – ADDITIONAL HEALTH AND TOXICOLOGICAL DATA</b>	
<b>HMIS &amp; NFPA Ratings: Health = 1      Fire = 1      Reactivity = 0</b>	
This product does not contain any of the chemicals listed on the National Toxicology Program Annual Reports on Carcinogens, The International Agency for Cancer Research Monographs and OSHA's 1910.10 Subpart Z List.	
This product does not contain any chemicals that are found on the State of California's Proposition 65 List for chemicals classified as potential reproductive or cancer causing agent.	
CERCLA 102 (a) Information: This product contains 1-3% antimony dithiocarbamate CAS#15890-25-2 and Zinc Diamyldithiocarbamate CAS#15337-18-5	

Although the information and recommendations set forth herein (hereafter referred to as information) are presented in good faith and believed to be accurate and factual as of the date hereof, Metatron Mfg. Co. makes no representation as to the completeness or accuracy thereof. Information is supplied upon the condition that the person receiving the same will make their own determination as to its safety and suitability for their purposes prior to use. In no event will Metatron Mfg. Co. be responsible for damages of any natures whatsoever resulting from the use or reliance upon information. **No representation or warranty, either expressed or implied, of merchantability or fitness for a particular purpose is made with respect to information of the product to which the information refers.**