




# Safety Data Sheet

Weldex Sales Corp  
PO Box 1  
Thaxton, VA 24174

<b>SECTION 1: PRODUCT AND COMPANY IDENTIFICATION</b>		
<b>PRODUCT IDENTIFIER</b>	AN400	
<b>CHEMICAL NAME</b>	Montmorillonite Clay - Calcined ; Calicum Hydrate	
<b>CHEMICAL FAMILY</b>	clay / calcium	
<b>MATERIAL USE</b>	acid neutralizer / absorbent	
<b>RESTRICTION ON USE</b>	none known	
<b>MANUFACTURER</b>	Weldex Sales Corp	
<b>TELEPHONE #</b>	540-586-9648	
<b>EMERGENCY PHONE #</b>	540-586-9648 Chemtrec 1-800-424-9300	
<b>SDS PREPARATION DATE</b>	5/1/2015	
<b>SECTION 2: HAZARDS IDENTIFICATION</b>		
<b>OSHA GHS HAZARD CLASSIFICATION</b>	Carcinogen category 1A, Specific Target Organ Toxicity, Repeated exposure category 1	
<b>HAZARDS NOT OTHERWISE CLASSIFIED</b>	none known	
<b>TABLE ELEMENTS</b>	<p>Danger May cause cancer by inhalation. Causes damage to lungs through prolonged or repeated exposure Do not breathe dust. Wear eye protection and dust mask. Do not handle with out proper PPE.</p>	
<b>Potential Health Effects</b>		
<b>Eyes:</b>	Contact can cause severe irritation or burning of eyes, including permanent damage.	
<b>Skin:</b>	Can cause irritation or burning of skin	
<b>Ingestion:</b>	Can cause severe irritation or burning of gastrointestinal track if swallowed	
<b>Inhalation:</b>	Can cause irritation of the respiratory system. Long term exposure may cause permanent damage. This product contains less than 15% crystalline Silica which has been classified as a group 1 carcinogen when inhaled.	
<b>Potential Environmental:</b>	Material is alkaline if released into moist soil or water it will cause an increase in pH.	
<b>SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS</b>		
<b>INGREDIENT IDENTIFICATION</b>	<b>APPROXIMATE CONCENTRATION (%)</b>	<b>C.A.S. NUMBERS</b>
Montmorillonite Clay	> 72%	70892-59-0
Calcium Hydroxide	< 10%	1305-62-0
Magnesium Oxide	< 1 %	1309-48-4
Calcium Carbonate	< 1%	1317-65-3
Crystalline Silica	< 15%	14808-60-7
<b>SECTION 4: FIRST AID MEASURES</b>		
<b>EYE</b>	Flush with generous amounts of water or eye wash. Consult a physician if irritation persists. Do not rub eyes.	
<b>SKIN</b>	Wash with soap and water, use lotions to relieve dryness. Consult physician if irritation persists.	
<b>INGESTION</b>	Do not induce vomiting. Seek medical attention. Never give anything by mouth unless instructed to by medical personnel.	
<b>INHALATION</b>	Move victim to fresh air, blow noses to clear dust. Seek medical attention if breathing is difficult.	
<b>Most important symptoms/effects, acute &amp; delayed</b>	Dust may cause abrasive irritation to eyes and lungs. Prolonged skin contact may cause dryness. Dust may cause nose, throat and upper respiratory tract irritation. Prolonged inhalation or respirable dust containing silica may cause a progressive lung disease, silicosis and lung cancer. See section 11 for additional information.	

<b>Indication of immediate medical attention &amp; special treatment, if necessary</b>	Immediate medical attention is not normally required. If throat, lungs or eyes continue to be irritated see a physician.			
<b>SECTION 5: FIRE FIGHTING MEASURES</b>				
<b>EXTINGUISHING MEDIA</b>	Use dry chemical or CO <sub>2</sub> fire extinguisher to extinguisher for any fire around this product.			
<b>SPECIFIC HAZARDS ARISING FROM THE CHEMICAL</b>	This product combustible or flammable. However it reacts with acids, which could ignite with materials around it.			
<b>SPECIAL PROTECTIVE EQUIPMENT &amp; PRECAUTIONS FOR FIRE-FIGHTERS</b>	Use normal fire fighting precautions as with any fire.			
<b>SECTION 6: ACCIDENTAL RELEASE MEASURES</b>				
<b>PERSONAL PRECAUTIONS</b>	Use proper personal protective equipment			
<b>ENVIRONMENTAL PRECAUTIONS</b>	This material is not a significant environmental concern.			
<b>METHODS &amp; MATERIALS FOR CONTAINMENT &amp; CLEANING UP</b>	Use dry methods to collect material, avoid generating dust. Vacuum or damp sweep material. Place material in sealed plastic bags for disposal. Do not clean up with compressed air. Surface residue can be cleaned with water.			
<b>SECTION 7: HANDLING &amp; STORAGE</b>				
<b>PRECAUTIONS FOR SAFE HANDLING</b>	Keep in closed plastic or non metal container. Avoid contact with skin and eyes, minimize dust generation. Do not breath dust. Care should be taken to dispose of waste material in accordance with instructions of manufacturers of the substance absorbed and applicable laws.			
<b>CONDITIONS FOR SAFE STORAGE</b>	Store in a dry area, maintain packing integrity. Keep away from moisture do not store in metal containers.			
<b>SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION</b>				
<b>EXPOSURE GUIDELINES:</b>				
Component	OSHA PEL (mg/m <sup>3</sup> )	ACGIH TLV (mg/m <sup>3</sup> )	NIOSH REL (mg/m <sup>3</sup> )	NIOSH PEL (mg/m <sup>3</sup> )
<b>Montmorillonite Clay</b>	5 Respirable / 15 total dust	None established	None established	None established
<b>Calcium Hydroxide</b>	5 Respirable / 15 total dust	5	5	None established
<b>Magnesium Oxide</b>	10	10	None established	None established
<b>Calcium Carbonate</b>	5 Respirable / 15 total dust	10	5 Respirable / 15 total dust	None established
<b>Crystalline Silica</b>	10/(SiO <sub>2</sub> %+2) (respirable)	0.025 (respirable)	0.05 (respirable)	0.05 (respirable)
<b>ENGINEERING CONTROLS</b>	Use general or local exhaust ventilation to control dust within recommended exposure limits.			
<b>PERSONAL PRETECTIVE EQUIPMENT</b>				
<b>EYE / FACE PROTECTION</b>	use goggles to protect eyes.			
<b>SKIN PROTECTION</b>	No special protection needed, gloves recommended.			
<b>RESPIRATORY PROTECTION</b>	Use NIOSH approved respirators if dust exceeds PEL's, otherwise a N95 dust mask is acceptable.			
<b>GENERAL HYGIENE</b>	Avoid breathing dust. Avoid contact with eyes, wash hands after handling and before eating and drinking.			

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES			
<b>APPEARANCE, COLOR</b>	Tan to Gray	<b>ODOR</b>	Odorless
<b>PHYSICAL STATE</b>	solid	<b>ODOR THRESHOLD</b>	not applicable
<b>VAPOR PRESSURE</b>	not applicable	<b>VAPOR DENSITY</b>	not applicable
<b>BOILING POINT</b>	not applicable	<b>MELTING POINT</b>	unknown
<b>FLASH POINT</b>	not applicable	<b>pH (10% suspension)</b>	unknown
<b>FLAMMABILITY LIMITS</b>	not applicable	<b>EVAPORATION RATE</b>	not applicable
<b>DECOMPOSITION TEMPERATURE</b>	unknown	<b>SPEC. GRAVITY / RELATIVE DENSITY</b>	2.2 - 2.4
<b>AUTOIGNITION TEMPERATURE</b>	not applicable	<b>PARTITION COEFFICIENT -n-OCTANOL/WATER</b>	not applicable
<b>FLAMMABILITY (solid/gas)</b>	not applicable	<b>SOLUBILITY -WATER</b>	<1.0%
		<b>VISCOSITY</b>	not applicable
SECTION 10: STABILITY AND REACTIVITY			
<b>REACTIVITY</b>	May slightly react with CO <sub>2</sub> to form calcium carbonate		
<b>CHEMICAL STABILITY</b>	Stable		
<b>POSSIBILITY OF HAZARDOUS</b>	Material is not reactive under normal handling conditions, unless mixed with incompatible substances below.		
<b>CONDITIONS TO AVOID</b>	not applicable		
<b>INCOMPATIBLE MATERIALS</b>	Acids unless in a controlled process. Unsaturated organic compounds such as turpentine and vegetable oil Organic Acid Anhydrides Reactive Fluoridated compounds Nitro-Organic Compounds Reactive Brominated compounds Reactive Phosphorous compounds Reactive powdered metals Interhalogenated compounds Concentrated caustic solutions may react violently with the product		
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	not applicable		
SECTION 11: TOXICOLOGICAL INFORMATION			
<b>POTENTIAL HEALTH EFFECTS</b>			
<b>Likely Routes of Exposure</b>	See below		
<b>EYE</b>	Will cause irritation if dust gets into eyes		
<b>SKIN</b>	Not absorbed, but may cause dryness if exposure is prolonged.		
<b>INGESTION</b>	Ingestion of small quantities is not considered harmful, but may cause irritation of the mouth, throat and stomach		
<b>INHALATION</b>	Acute inhalation can cause dryness of the nasal passage and lung congestion, coughing and general throat irritation. Acute inhalation of high concentrations of respirable crystalline silica may cause acute silicosis.		
<b>CHRONIC EFFECTS</b>	This product contains naturally occurring crystalline silica. Respirable crystalline silica may cause lung cancer and lung disease (silicosis) if inhaled for prolonged periods. Symptoms of silicosis include wheezing, cough and shortness of breath.		
<b>CARCINOGENICITY</b>	This product is composed predominantly of clay, but contains some crystalline silica. Respirable crystalline silica (quartz) is classified by IARC & NTP as a known carcinogen. Crystalline silica is only known to cause cancer when inhaled in a respirable form. It is not known to cause cancer by any other route of exposure.		
<b>NTP</b>	Respirable crystalline silica (quartz) is classified as a known human carcinogen.		
<b>IARC</b>	Respirable crystalline silica (quartz) is classified as a known human carcinogen.		
<b>NUMERICAL MEASURES OF TOXICITY</b>	No data available.		

<b>CORROSIVENESS, SENSITIZATION, IRRITANCY</b>	not applicable				
<b>REPRODUCTIVE TOXICITY</b>	not applicable				
<b>TERATOGENICITY MUTAGENICITY</b>	not applicable				
<b>SECTION 12: ECOLOGICAL INFORMATION</b>					
<b>ECOTOXICITY:</b>	Because of high pH of this product, it would be expected to produce significant Eco toxicity upon exposure to aquatic organisms and aquatic systems in high concentrations (>1g/L).				
<b>PERSISTENCE &amp; DEGRADABILITY</b>	Non biodegradable				
<b>BIOACCUMULATIVE POTENTIAL</b>	little to no bioaccumulation				
<b>MOBILITY IN SOIL</b>	little to no mobility in soils				
<b>OTHER ADVERSE EFFECTS</b>	none known				
<b>SECTION 13: DISPOSAL CONSIDERATIONS</b>					
<b>WASTE DISPOSAL</b>	This material as supplied and unused becomes waste it will not meet the criteria of a hazardous waste as defined under the RCRA (40 CFR part 261)				
<b>PACKAGING DISPOSAL</b>	Dispose of in accordance with all local, state and federal laws.				
<b>SECTION 14: TRANSPORT INFORMATION</b>					
<b>BASIC SHIPPING INFORMATION</b>	DOT shipping classification 55 ( no restrictions). Technical name "Calcined Clay"				
<b>ADDITIONAL INFORMATION</b>	No special requirements or placarding necessary				
<b>SECTION 15: REGULATORY INFORMATION</b>					
<b>U.S. FEDERAL:</b>					
<b>TSCA</b>	All ingredients are listed on the US EPA TSCA inventory list.				
<b>CERCLA</b>	All ingredients are not classified as hazardous substances under CERLA (CFR 40 302).				
<b>SARA TITLE III</b>	not listed				
<b>California Proposition 65:</b>	This product contains crystalline silica, a chemical known to the state of California to cause cancer.				
<b>INTERNATIONAL:</b>					
<b>WHMIS Classification</b>	Class D-2-A				
<b>WHMIS Ingredient Disclosure list</b>	Silica, crystalline quartz				
<b>SECTION 16: OTHER INFORMATION</b>					
	<table border="1"> <tr> <td style="text-align: center;">NFPA</td> <td style="text-align: center;">  </td> <td style="text-align: center;">HMIS</td> <td>                     1 Health                      0 Flammability                      0 Reactivity                      0 Protective Equipment                 </td> </tr> </table>	NFPA		HMIS	1 Health 0 Flammability 0 Reactivity 0 Protective Equipment
NFPA		HMIS	1 Health 0 Flammability 0 Reactivity 0 Protective Equipment		
<b>ORIGINAL ISSUE DATE</b>	May 1 2015				
<b>REVISION DATE</b>	May 1 2015				
<b>REVISION NO.</b>	Original SDS				

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