

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION		
PRODUCT IDENTIFIER	ProAbsorb / AN400	
CHEMICAL NAME	Montmorillonite Clay - Calcined ; Calicum Hydrate	
CHEMICAL FAMILY	clay / calcium	
MATERIAL USE	acid neutralizer / absorbent	
RESTRICTION ON USE	none known	
MANUFACTURER	Weldex Sales Corp	
TELEPHONE #	540-586-9648	
EMERGENCY PHONE #	540-586-9648 Chemtrec 1-800-424-9300	
SDS PREPARATION DATE	5/1/2015	
SECTION 2: HAZARDS IDENTIFICATION		
OSHA GHS HAZARD CLASSIFICATION	Carcinogen category 1A, Specific Target Organ Toxicity, Repeated exposure category 1	
HAZARDS NOT OTHERWISE CLASSIFIED	none known	
LABLE ELEMENTS	<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> 	
Potential Health Effects		
Eyes:	Contact can cause severe irritation or burning of eyes, including permanent damage.	
Skin:	Can cause irritation or burning of skin	
Ingestion:	Can cause severe irritation of burning of gastrointestinal track if swallowed	
Inhalation:	<p>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.</p>	
Potential Environmental:	Material is alkaline if released into moist soil or water it will cause an increase in pH.	
SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS		
INGREDIENT IDENTIFICATION	APPROXIMATE CONCENTRATION (%)	C.A.S. NUMBERS
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
SECTION 4: FIRST AID MEASURES		
EYE	Flush with generous amounts of water or eye wash. Consult a physician if irritation persists. Do not rub eyes.	
SKIN	Wash with soap and water, use lotions to relieve dryness. Consult physician if irritation persists.	
INGESTION	Do not induce vomiting. Seek medical attention. Never give anything by mouth unless instructed to by medical personnel.	
INHALATION	Move victim to fresh air, blow noes to clear dust. Seek medical attention if breathing is difficult.	

Most important symptoms/effects, acute & delayed	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.
Indication of immediate medical attention & special treatment, if necessary	Immediate medical attention is not normally required. If throat, lungs or eyes continue to be irritated see a physician.

SECTION 5: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA	Use dry chemical or CO ₂ fire extinguisher to extinguisher for any fire around this product.
SPECIFIC HAZARDS ARISING FROM THE CHEMICAL	This product combustible or flammable. However it reacts with acids, which could ignite with materials around it.
SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS FOR FIRE-FIGHTERS	Use normal fire fighting precautions as with any fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Use proper personal protective equipment
ENVIRONMENTAL PRECAUTIONS	This material is not a significant environmental concern.
METHODS & MATERIALS FOR CONTAINMENT & CLEANING UP	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.




SECTION 7: HANDLING & STORAGE

PRECAUTIONS FOR SAFE HANDLING	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.
CONDITIONS FOR SAFE STORAGE	Store in a dry area, maintain packing integrity. Keep away from moisture do not store in metal containers.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:				
Component	OSHA PEL (mg/m ³)	ACGIH TLV (mg/m ³)	NIOSH REL (mg/m ³)	NIOSH PEL (mg/m ³)
Montmorillonite Clay	5 Respirable / 15 total dust	None established	None established	None established
Calcium Hydroxide	5 Respirable / 15 total dust	5	5	None established
Magnesium Oxide	10	10	None established	None established
Calcium Carbonate	5 Respirable / 15 total dust	10	5 Respirable / 15 total dust	None established
Crystalline Silica	10/(SiO ₂ %+2) (respirable)	0.025 (respirable)	0.05 (respirable)	0.05 (respirable)
ENGINEERING CONTROLS	Use general or local exhaust ventilation to control dust within recommended exposure limits.			
PERSONAL PRETECTIVE EQUIPMENT				
EYE / FACE PROTECTION	use goggles to protect eyes.			
SKIN PROTECTION	No special protection needed, gloves recommended.			
RESPIRATORY PROTECTION	Use NIOSH approved respirators if dust exceeds PEL's, otherwise a N95 dust mask is acceptable.			
GENERAL HYGIENE	Avoid breathing dust. Avoid contact with eyes, wash hands after handling and before eating and drinking.			

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES			
APPEARANCE, COLOR	Tan to Gray	ODOR	Odorless
PHYSICAL STATE	solid	ODOR THRESHOLD	not applicable
VAPOR PRESSURE	not applicable	VAPOR DENSITY	not applicable
BOILING POINT	not applicable	MELTING POINT	unknown
FLASH POINT	not applicable	pH (10% suspension)	unknown
FLAMMABILITY LIMITS	not applicable	EVAPORATION RATE	not applicable
DECOMPOSITION TEMPERATURE	unknown	SPEC. GRAVITY / RELATIVE DENSITY	2.2 - 2.4
AUTOIGNITION TEMPERATURE	not applicable	PARTITION COEFFICIENT -n-OCTANOL/WATER	not applicable
FLAMMABILITY (solid/gas)	not applicable	SOLUBILITY -WATER	<1.0%
		VISCOSITY	not applicable
SECTION 10: STABILITY AND REACTIVITY			
REACTIVITY	May slightly react with CO ₂ to form calcium carbonate		
CHEMICAL STABILITY	Stable		
POSSIBILITY OF HAZARDOUS REACTIONS	Material is not reactive under normal handling conditions, unless mixed with incompatible substances below.		
CONDITIONS TO AVOID	not applicable		
INCOMPATIBLE MATERIALS	Acids unless in a controlled process. Unsaturated organic compounds such as turpentine and vegetable oil Organic Acid Anhydrides Reactive Fluorinated compounds Nitro-Organic Compounds Reactive Brominated compounds Reactive Phosphorous compounds Reactive powdered metals Interhalogenated compounds Concentrated caustic solutions may react violently with the product		
HAZARDOUS DECOMPOSITION PRODUCTS	not applicable		
SECTION 11: TOXICOLOGICAL INFORMATION			
POTENTIAL HEALTH EFFECTS			
Likely Routes of Exposure	See below		
EYE	Will cause irritation if dust gets into eyes		
SKIN	Not absorbed, but may cause dryness if exposure is prolonged.		
INGESTION	Ingestion of small quantities is not considered harmful, but may cause irritation of the mouth, throat and stomach.		
INHALATION	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.		
CHRONIC EFFECTS	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.		
CARCINOGENICITY	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.		
NTP	Respirable crystalline silica (quartz) is classified as a known human carcinogen.		
IARC	Respirable crystalline silica (quartz) is classified as a known human carcinogen.		
NUMERICAL MEASURES OF TOXICITY	No data available.		
CORROSIVENESS, SENSITIZATION, IRRITANCY	not applicable		

REPRODUCTIVE TOXICITY	not applicable				
TERATOGENICITY MUTAGENICITY	not applicable				
SECTION 12: ECOLOGICAL INFORMATION					
ECOTOXICITY:	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).				
PERSISTANCE & DEGRADABILITY	Non biodegradable				
BIOACCUMULATIVE POTENTIAL	little to no bioaccumulation				
MOBILITY IN SOIL	little to no mobility in soils				
OTHER ADVERSE EFFECTS	none known				
SECTION 13: DISPOSAL CONSIDERATIONS					
WASTE DISPOSAL	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)				
PACKAGING DISPOSAL	Dispose of in accordance with all local, state and federal laws.				
SECTION 14: TRANSPORT INFORMATION					
BASIC SHIPPING INFORMATION	DOT shipping classification 55 (no restrictions). Technical name "Calcined Clay"				
ADDITIONAL INFORMATION	No special requirements or placarding necessary				
SECTION 15: REGULATORY INFORMATION					
U.S. FEDERAL:					
TSCA	All ingredients are listed on the US EPA TSCA inventory list.				
CERCLA	All ingredients are not classified as hazardous substances under CERLA (CFR 40 302).				
SARA TITLE III	not listed				
California Proposition 65:	This product contains crystalline silica, a chemical known to the state of California to cause cancer.				
INTERNATIONAL:					
WHMIS Classification	Class D-2-A				
WHMIS Ingredient Disclosure list	Silica, crystalline quartz				
SECTION 16: OTHER INFORMATION					
	<table border="0"> <tr> <td style="border: 1px solid black; padding: 5px;">NFPA</td> <td style="border: 1px solid black; padding: 5px; text-align: center;">  </td> <td style="border: 1px solid black; padding: 5px;">HMIS</td> <td style="border: 1px solid black; padding: 5px;"> 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		
ORIGINAL ISSUE DATE	May 1 2015				
REVISION DATE	6/10/2016				
REVISION NO.	AA				

Disclaimer: As of the date of the preparation of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable federal and state laws. No warranty, representation of guaranty of any kind, express or implied, is hereby provided or intended with respect to the completeness of the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by the purchase, resale, use of exposure to our product. Customer users of Silica must comply with all applicable health and safety laws, regulations and orders, including OSHA Hazardous Communication Standard.