SAFETY DATA SHEET

SECTION 1) CHEMICAL PRODUCT AND SUPPLIER'S IDENTIFICATION

Product ID:	P0200		
Product Name:	UNI-KOTE E/S WHITE		
Revision Date:	Apr 19, 2016	**Date Printed:**	Apr 19, 2016
Version:	1.0	**Supersedes Date:**	N.A.
Manufacturer's Name:	Anchor Paint Manufacturing Co., Inc.		
Address:	6707 East 14th Street, Tulsa, OK, US, 74112		
Emergency Phone:	800-424-9300		
Information Phone Number:	918-836-4626		
Fax:	918-836-6421		

Product/Recommended Uses: Water-based paint.

SECTION 2) HAZARDS IDENTIFICATION

Classification:

Specific Target Organ Toxicity - Single Exposure - Category 1

Eye Irritation - Category 2A

Carcinogenicity - Category 1B

Pictograms:

Signal Word:

Danger

Hazardous Statements - Health:

Causes damage to organs.

Causes serious eye irritation

May cause cancer.

Precautionary Statements - General:

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Precautionary Statements - Prevention:

Do not breathe dust/fume/gas/mist/vapors/spray.

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

Wear protective gloves/protective clothing/eye protection/face protection.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Precautionary Statements - Response:

IF exposed or concerned: Call a POISON CENTER or doctor.

Specific treatment (see section 4 on this SDS).
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

IF exposed or concerned: Get medical advice/attention.

Precautionary Statements - Storage:

Store locked up.

Precautionary Statements - Disposal:

Dispose of contents to an approved waste disposal plant or paint recycling center. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

Hazards Not Otherwise Classified (HNOC):

None.

Acute toxicity of 16.4% of the mixture is unknown

SECTION 3) COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Chemical Name	% By Weight
0007732-18-5	WATER	46% - 57%
0013463-67-7	TITANIUM DIOXIDE	12% - 18%
0092704-41-1	Kaolin, calcined	4% - 6%
0014807-96-6	TALC	3% - 5%
0000107-21-1	ETHYLENE GLYCOL	3% - 4%
0025265-77-4	2,2,4-TRIMETHYL PENTANEDIOL 1,3-MONOISOBUTYRAT	1.1% - 2%
0007631-86-9	SILICA, AMORPHOUS	0.6% - 1.0%
0064742-65-0	MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-DEWAXED HEAVY PARAFFINIC	0.2% - 0.4%
0000124-68-5	2-AMINO-2-METHYL-1-PROPANOL	0.1% - 0.2%
0009036-19-5	T-DET C08	Trace
0000371-47-1	2-Butenedioic acid (2Z)-, sodium salt (1:2)	Trace
0000100-97-0	HEXAMETHYLENE TETRAMINE	Trace
0000075-09-2	METHYLENE CHLORIDE	Trace

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld to protect confidentiality.

SECTION 4) FIRST-AID MEASURES

Inhalation:

Remove source of exposure or move person to fresh air and keep comfortable for breathing.

If exposed or concerned: Get medical advice.

Skin Contact:

Take off immediately all contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Rinse skin with lukewarm, gently flowing water/shower for a duration of 30 or until medical aid is available. Immediately call a POISON CENTER/doctor. Wash contaminated clothing before re-use or discard.

IF exposed or concerned: Get medical advice/attention.

Eye Contact:

Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 30 minutes or until medical aid is available. Take care not to rinse contaminated water into the unaffected eye or onto the face. Immediately call a POISON CENTER/doctor.

Ingestion:

Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor. If vomiting occurs naturally, lie on your side, in the recovery position.

Most Important Symptoms and Effects, Both Acute and Delayed:

No data available.

Indication of Any Immediate Medical Attention and Special Treatment Needed:

No data available.

SECTION 5) FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Dry chemical, foam, carbon dioxide water spray or fog is recommended. Water spray is recommended to cool or protect exposed materials or structures. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam. Sand or earth may be used for small fires only.

Unsuitable Extinguishing Media:

No data available.

Specific Hazards in Case of Fire:

Material can splatter above 100°C/212°F. Polymer film can burn.

Fire-fighting Procedures:

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid.

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Special Protective Actions:

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

SECTION 6) ACCIDENTAL RELEASE MEASURES

Emergency Procedure:

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).
Do not touch or walk through spilled material.
Isolate hazard area and keep unnecessary people away. Remove all possible sources of ignition in the surrounding area. Notify authorities if any exposure to the general public or the environment occurs or is likely to occur.

If spilled material is cleaned up using a regulated solvent, the resulting waste mixture may be regulated.

Recommended Equipment:

Positive pressure, full-face piece self-contained breathing apparatus (SCBA), or positive pressure supplied air respirator with escape SCBA (NIOSH approved).

Personal Precautions:

Avoid breathing vapor. Avoid contact with skin, eye or clothing. Avoid inhalation of dust and contact with skin and eyes. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

Environmental Precautions:

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

Methods and Materials for Containment and Cleaning Up:

Dike and contain spill with inert material (e.g. sand, earth).Transfer liquid to containers for disposal.
Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant liquid and flush to a chemical sewer. Incinerate the solids and the contaminated diking material at a permitted facility according to local, state, and federal regulations.

SECTION 7) HANDLING AND STORAGE

General:

Wash hands after use.
Do not get in eyes, on skin or on clothing.
Do not breathe vapors or mists.
Use good personal hygiene practices.
Eating, drinking and smoking in work areas is prohibited.
Remove contaminated clothing and protective equipment before entering eating areas.

Ventilation Requirements:

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

Storage Room Requirements:

Keep container(s) tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight, strong oxidizers and any incompatibilities. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Indoor storage should meet OSHA standards and appropriate fire codes. Containers that have been opened must be carefully resealed to prevent leakage.

Ground and bond containers and receiving equipment. Avoid static electricity by grounding.

Keep from freezing, product may coagulate.

SECTION 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection:

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for entire face, use in combination with a face shield.

Skin Protection:

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over- boots of chemically impervious materials such as neoprene or nitrile rubber is recommended to avoid skin sensitization. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.

Use chemical resistant apron, boots or other clothing if needed to avoid repeated or frequent skin contact. Liquid may penetrate shoes and other clothing causing delayed irritation.

Respiratory Protection:

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers.

A NIOSH/MSHA approved respirator is advised.

Appropriate Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Chemical Name	OSHA TWA (ppm)	OSHA TWA (mg/m3)	OSHA STEL (ppm)	OSHA STEL (mg/m3)	OSHA Tables (Z1, Z2, Z3)	ACGIH Carcinogen	ACGIH TLV Basis	OSHA Carcinogen	ACGIH Notations	OSHA Skin designation	NIOSH TWA (ppm)	NIOSH TWA (mg/m3)
ETHYLENE GLYCOL						A4	URT & eye irr		A4			
MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-DEWAXED HEAVY PARAFFINIC	500	2000			1							
SILICA, AMORPHOUS	20 (b)	80 mg/m3 percent SiO2+2			1,3							6
TALC		20 mppcf			1	[A1]; [A4];	[LRT irr]; [Pneumoconiosis; lung cancer; mesothelioma];	1	[A1]; [A4];			
TITANIUM DIOXIDE		15			1	A4	LRT irr		A4		b	

Chemical Name	NIOSH STEL (ppm)	NIOSH STEL (mg/m3)	ACGIH TWA (ppm)	ACGIH TWA (mg/m3)	ACGIH STEL (ppm)	ACGIH STEL (mg/m3)
ETHYLENE GLYCOL						C 100
MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-DEWAXED HEAVY PARAFFINIC						
SILICA, AMORPHOUS						
TALC			0.1 f/cc (F) (K)	2 (E,R)		

TITANIUM DIOXIDE				10		

(F) - Respirable fibers, (K) - Should not exceed 2 mg/m3 respirable particulate mass, A4 - Not Classifiable as a Human Carcinogen, irr - Irritation, LRT - Lower respiratory tract, URT - Upper respiratory tract

SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Density	10.63300 lb/gal
Specific Gravity	1.27412
% Solids By Weight	43.31560%
VOC Less H2O and Exempts	1.55457 lb/gal
VOC Actual	0.54484 lb/gal
% VHAPS	3.42531%
% HAPS	3.42531%

Appearance	Liquid
Odor Threshold	No information available
Odor Description	Latex paint
pH	8 - 10
Water Solubility	Dilutable
Flammability	Flash Point at or above 200 °F
Flash Point	N.A.
Viscosity	No information available
Lower Explosion Level	N.A.
Upper Explosion Level	N.A.
Vapor Pressure	17 mmHg
Vapor Density	<1 [air=1] (water)
Freezing Point	25 - 32 °F
Low Boiling Point	212 °F
High Boiling Point	477 °F
Auto Ignition Temp	No information available
Decomposition Pt	No information available
Evaporation Rate	(water)
Coefficient Water/Oil	No information available

SECTION 10) STABILITY AND REACTIVITY

Stability:

Material is stable at standard temperature and pressure.

Conditions to Avoid:

Decomposition is dependent on time and temperature. Onset of decomposition is 177°C/350°F. Avoid high temperatures.

Hazardous Reactions/Polymerization:

Will not occur.

Incompatible Materials:

Strong oxidizers.

Hazardous Decomposition Products:

Carbon dioxide, carbon monoxide

SECTION 11) TOXICOLOGICAL INFORMATION

Likely Route of Exposure:

Inhalation, ingestion, skin absorption

Aspiration Hazard:

No Data Available

Carcinogenicity:

May cause cancer.

Germ Cell Mutagenicity:

No Data Available

Reproductive Toxicity:

No Data Available

Respiratory/Skin Sensitization:

No Data Available

Serious Eye Damage/Irritation:

Causes serious eye irritation

Skin Corrosion/Irritation:

No Data Available

Specific Target Organ Toxicity - Repeated Exposure:

No Data Available

Specific Target Organ Toxicity - Single Exposure:

Causes damage to organs.

Acute Toxicity:

Vapors or mists can cause headache, nausea, and irritation of the nose, throat, and lungs.

0000107-21-1 ETHYLENE GLYCOL

LD50 (oral, rat): 5.89 g/kg; 8.54 g/kg; 13.0 g/kg (5)
LD50 (oral, mouse): 7.5 g/kg; 15.28 g/kg (5,6)
LD50 (oral, guinea pig): 6.6 g/kg; 11.0 g/kg (5)
LD50 (oral, rabbit): 5.0 g/kg (5)
LD50 (dermal, rabbit): 9.5 g/kg (6)

0000075-09-2 METHYLENE CHLORIDE

LC50 (guinea pig): 11600 ppm (6-hour exposure) (7)
LC50 (rat): 57000 ppm (15-minute exposure) (8)
LC50 (mouse): 16186 ppm (8-hour exposure) (9)

LD50 (oral, rat): 2100 to 3000 mg/kg (1)

0064742-65-0 MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-DEWAXED HEAVY PARAFFINIC

LD50 (Rodent - rat, Oral) : >5000 mg/kg, Toxic effects : Details of toxic effects not reported other than lethal dose value.
LD50 (Rodent - rabbit, Administration onto the skin) : 5000 mg/kg, Toxic effects : Details of toxic effects not reported other than lethal dose value.

Acute Exposure

0000075-09-2 METHYLENE CHLORIDE

The substance is irritating to the eyes, skin and respiratory tract. It can cause effects on the CNS, blood, liver, heart and lungs. Exposure could cause carbon monoxide poisoning resulting in impaired functions. Exposure at high concentrations could cause lowering of consciousness and death. Methylene Chloride is a potent irritant of mucous membranes. If swallowed, the substance may cause vomiting and could result in aspiration pneumonitis.

Chronic Exposure

0000075-09-2 METHYLENE CHLORIDE

Inhalation exposure may result in neurological symptoms, including paraesthesiae, respiratory irritation and gastrointestinal disturbances. Long term exposure causes damage to the CNS and to the liver. Repeated or prolonged contact with skin may cause dermatitis.

Potential Health Effects - Miscellaneous

0000075-09-2 METHYLENE CHLORIDE

Is an IARC, NTP or OSHA Carcinogen. There is limited evidence that this substance causes spontaneous abortions. Contact can severely irritate and burn the skin and eyes with possible eye damage. Skin contact may cause inflammation and burns. Inhalation of high concentrations can have narcotic effects; Carbon monoxide produced as a metabolite in the body.

0013463-67-7 TITANIUM DIOXIDE

Is an IARC, NTP or OSHA carcinogen. In a lifetime inhalation test, lung cancers were found in some rats exposed to 250 mg/m3 respirable titanium dust. Analysis of the titanium dioxide concentrations in the rat?s lungs showed that the lung clearance mechanism was overwhelmed and that the results at the massive 250 mg/m3 level are not relevant to the workplace.?Results of a DuPont epidemiology study showed that employees who had been exposed to Titanium Dioxide were at no greater risk of developing lung cancer than were employees who had not been exposed to Titanium dioxide. No pulmonary fibrosis was found in any of the employees and no association was observed between Titanium dioxide exposure and chronic respiratory disease or x-ray abnormalities. Based on the results of this study DuPont concludes that titanium dioxide will not cause lung cancer or chronic respiratory disease in humans at concentrations experienced in the workplace.?

SECTION 12) ECOLOGICAL INFORMATION

Toxicity:

No Data Available

Persistence and Degradability:

No data available.

Bioaccumulative Potential:

No data available.

Mobility in Soil:

No data available.

Other Adverse Effects:

No data available.

Bio-accumulative Potential

0064742-65-0 MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-DEWAXED HEAVY PARAFFINIC

Contains constituents with the potential to bioaccumulate.

Mobility in Soil

0064742-65-0 MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-DEWAXED HEAVY PARAFFINIC

Liquid under most environmental conditions. Floats on water. If it enters soil, it will adsorb to soil particles and will not be mobile.

SECTION 13) DISPOSAL CONSIDERATIONS

Waste Disposal:

Under RCRA it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

SECTION 14) TRANSPORT INFORMATION

U.S. DOT Information:

Not regulated as dangerous goods.

IMDG Information:

Not regulated as dangerous goods.

IATA Information:

Not regulated as dangerous goods.

SECTION 15) REGULATORY INFORMATION

CAS	Chemical Name	% By Weight	Regulation List
0007732-18-5	WATER	46% - 57%	TSCA
0013463-67-7	TITANIUM DIOXIDE	12% - 18%	SARA312,IARCCarcinogen,TSCA,CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Cancer - CA_Proposition65_Type_Toxicity_Cancer

0092704-41-1	Kaolin, calcined	4% - 6%	SARA312,TSCA
0014807-96-6	TALC	3% - 5%	SARA312,IARCCarcinogen,TSCA
0000107-21-1	ETHYLENE GLYCOL	3% - 4%	CERCLA,SARA312,SARA313,VOC,TSCA,CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Develop - CA_Proposition65_Type_Toxicity_Developmental
0025265-77-4	2,2,4-TRIMETHYL PENTANEDIOL 1,3-MONOISOBUTYRAT	1.1% - 2%	SARA312,VOC,TSCA
0007631-86-9	SILICA, AMORPHOUS	0.6% - 1.0%	SARA312,IARCCarcinogen,TSCA
0021645-51-2	ALUMINUM HYDROXIDE	0.6% - 1.0%	SARA312,TSCA
0001318-59-8	Chlorite	0.3% - 0.5%	SARA312
0064742-65-0	MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-DEWAXED HEAVY PARAFFINIC	0.2% - 0.4%	SARA312,TSCA
0000124-68-5	2-AMINO-2-METHYL-1-PROPANOL	0.1% - 0.2%	SARA312,VOC,TSCA
0060864-33-7	ALKYL ARYL POLYETHER	0.1% - 0.2%	SARA312,TSCA
0013845-36-8	POTASSIUM TRIPOLYPHOSPHATE	Trace	SARA312,TSCA
0004080-31-3	1-(3-CHLOROALLYL)-3,5,7-TRIAZA-1-AZONIAADAMANTANE CHLORIDE	Trace	SARA312,SARA313,TSCA
0000144-55-8	SODIUM BICARBONATE	Trace	SARA312,TSCA
0014808-60-7	SILICA, CRYSTALLINE	Trace	SARA312,IARCCarcinogen,NTPCarcinogen,TSCA,CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Cancer - CA_Proposition65_Type_Toxicity_Cancer
0112926-00-8	SILICA - PRECIPITATED	Trace	SARA312
0027646-80-6	2-METHYLAMINO-2-METHYL-1-PROPANOL	Trace	SARA312
0000100-97-0	HEXAMETHYLENE TETRAMINE	Trace	SARA312,VOC,TSCA
0000542-75-6	1,3-DICHLOROPROPENE	Trace	CERCLA,SARA312,SARA313,VOC,IARCCarcinogen,NTPCarcinogen,TSCA,RCRA,CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Cancer - CA_Proposition65_Type_Toxicity_Cancer
0007558-79-4	SODIUM PHOSPHATE, DIBASIC	Trace	CERCLA,SARA312,TSCA
0080455-45-4	CELLULOSE, HEXADECYL 2-HYDROXYTHYL ETHER	Trace	SARA312

SECTION 16) OTHER INFORMATION

Glossary:

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG- Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ - Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA - Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

DISCLAIMER