Safety Data Sheet

Preparation Date: 01/07/2020
Last Revision Date: 01/07/2020

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: TS-420 TopMastic Crack & Spot Repair

PRODUCT DESCRIPTION: White Paste
PRODUCT USE: White Acrylic Sealer
SYNONIMUS: Elastomeric Plastic Cement

MANUFACTURER
Kool Coats
9975 High Country Ln Building #13-15
Forney, TX 75126

EMERGENCY PHONE: Chemtrec 1-800-424-9300 | National Poison Control Center (U.S.) 1-800-222-1222
INFORMATION PHONE: 877-397-1496 (Product Information)

SECTION 2 - HAZARDS IDENTIFICATIONS

EMERGENCY OVERVIEW

WARNING
Causes mild skin irritation. Harmful if swallowed

Prevention: Do not handle until all safety precautions have been read and understood.
Use personal protective equipment. Wash thoroughly after handling.

Response: EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice or attention.

Storage/Disposal: Store in a closed container. Do not allow product to freeze.
Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

CAUTION- May cause eye and skin irritation on contact.

Physical form: Liquid
Color: White Liquid
Odor: Acrylic paint like odor
Flash Point: > 247 °F (> 119 °C)
OSHA: Irritant, carcinogen
WHMIS: Class D – Poisonous and infectious materials – Division 2 – Subdivision B

GHS: Skin corrosion/irritation – Category 3, Serious Eye Damage, eye irritation - Category 2A, Carciogenity – Category 1A

Health	1
Flammability	0
Reactivity	0

Potential Health Effects

Inhalation

Acute (Immediate) Inhalation of vapors or mists may cause central nerveous system depression, Light headedness, headache, nausea and loss of coordination.

Chronic (Delayed) Under normal conditions of use, no health effects are expected.

Skin

Acute (Immediate) May cause irritation.

Chronic (Delayed) Repeated and prolonged exposure to the skin may cause dermatitis.

Eye

Acute (Immediate) Likely to cause eye irritation, burning, tearing, etc. on contact with eyes. If swelling and irritation persist, seek medical attention.

Chronic (Delayed) Direct contact may cause slight to moderate irritation.

Ingestion

Acute (Immediate) May cause irritation. May affect the nervous system. May be harmful or fatal if swallowed.

Chronic (Delayed) Repeated and prolonged exposure may cause gastrointestinal disturbances including diarrhea, nausea, and vomiting.

Carcionogenic Effects			
	CAS	**IARC**	**NPT**
Silica, Quartz	14808-60-7	Group 1-Carcinogenic	Known Human Carcinogen
Titanium Dioxide	13463-67-7	Group 2B-Possible Carcinogen	Evidence of Carcionegenicity

SECTION 3 – COMPOSITION/INFORMATION

Hazardous Components					
Chemical Name	**Identifiers**	**% (weight)**	**LD50/LC50**	**Classification According to Regulation/Directive**	**Comments**
Acrylic Polymer Solution		40% to 50%			
Calcium carbonate	EINECS: 215-279-6	30% to 40%			
Titanium Dioxide	EINECS: 236-675-5	1% to 5%			
Silica, Quartz	EINECS: 238-878-4	1% to 3%			
Hydroxyethylcellulose		0.1% to 1%			
Propylene Glycol	EINECS: 200-338-0	0.1% to 1%	Ingestion/Oral-Rat LD50: 20 g/kg		
Surfactant/additive		0.1% to 1%			
Texanol Ester	EINECS: 246-771-9	0.1% to 1%	Ingestion/Oral-Rat LD50: 3200 mg/kg		

Non-Hazardous Components					
Chemical Name	**Identifiers**	**%(weight)**	**LD50/LC50**	**Classification According to Regulation/Directive**	**Comments**
Water	EINECS:231-791-2	25% to 35%			

This product is an encapsulated mixture which reduces the likelihood of exposure to hazardous particulates. Airborne exposures to hazardous dusts or mists may be generated by spraying, sanding or grinding.

SECTION 4 – FIRST AID MEASURES

Inhalation IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing. If signs/symptoms continue, get medical attention.

Skin Rinse skin immediately with plenty of water for 15-20 minutes. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.

Eye If eye irritation persists: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rising.

Ingestion If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing Media LARGE FIRE: Water spray, fog or regular foam.
SMALL FIRES: Dry chemical, CO2, water spray or regular foam.

Unsuitable Extinguishing Media No data available.

Firefighting Procedures Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

Unusual Fire and Explosion Hazards Product containers may rupture when exposed to extreme heat. Precautions should be taken to prevent release of materials.

Hazardous Combustion Products Non-combustible substance itself does not, burn but may decompose upon heating to produce toxic fumes.

Protection of Firefighters	Structural firefighter's protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.
Flash Point	> 247 °F (>119 °C) CC (Closed Cup)

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions	Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Emergency Procedures	Isolate the area and contain the spilled material. Persons not wearing the appropriate PPE should be removed from the area until spill is cleaned up.
Environmental Precautions	Avoid run off to waterways and sewers.
Containment/Clean-up Measures	Absorb or cover with dry earth, sand or other non-combustible material and containers. Use appropriate Personal Protective Equipment (PPE)
Prohibited Materials	Avoid contact with strong oxidizing agents and acids

SECTION 7 – HANDLING AND STORAGE

Handling	KEEP OUT OF THE REACH OF CHILDREN! Keep containers tighly closed when no in use.
Storage	Avoid extreme temperatures and freezing. Keep container/package tightly closed and in a well-ventilated place.
Special Packaging Materials	Not Applicable.
Incompatible Materials or Ignition Sources	Avoid contact with strong oxidizing agents and acids.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Pictograms

Respiratory	**When used with adequate ventilation, a respirator is not normally required. If required, use a NIOSH-approved air purifying respirator with organic vapor cartridge or supplied air respirator. This product is an encapsulated mixture with reduces the likelihood of exposure to hazardous particulates. Airborne exposures to hazardous dusts or mists may be generated by spraying, sanding or grinding.**
Eye/Face	**Wear ANSI approved safely glasses with side shields or safety goggles.**
Hands	**Wear chemical resistant gloves with repeated or prolonged exposure.**
Engineered Measures/Controls	**Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values. Use precaution to protect building intake from Fumes and vapors created outdoors.**

Exposure Limits/Guidelines					
	Result	**Canada Ontario**	**Mexico**	**NIOSH**	**OSHA**
Propylene Glycol (57-55-6)	TWAs	50 ppm TWAEV (total Aerosol and vapor); 155 mg/m3 TWAEV (total aerosol and vapor); 10 mg/m3 TWAEV (for asseting the visibility in a work environment, aerosol only)	Not established	Not established	Not established
Silica, Quartz (14808-60-7)	TWAs	0.10 mg/m3 TWAEV (designated substance regulation)	0.1 mg/m3 TWA (respirable fraction)	0.05 mg/m3 TWA (respirable dust)	Not established
Titanium Dioxide (13463-67-7)	TWAs	10 mg/m3 TWAEV (total dust)	10 mg/m3 TWA (as Ti)	Not established	15 mg/m3 TWA (total dust)
Calcium carbonate (1317-65-3)	TWAs	Not established	10 mg/m3 TWA	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

MATERIAL DESCRIPTION			
Physical Form	Paste	Appearance/Description	White semi thick liquid
Color	White	Odor	Acrylic Paint-Like Odor
Taste	No data available	Particle type	Not relevant
Particle Size	No relevant	Aerosol Type	Not relevant
Odor Threshold	No data available		
GENERAL PROPERTIES			
Boiling Point	212 to 245 °F(100 to 118 °C)	Melting point	No data available
Decomposition Temperature	No data available	Heat of Decomposition	Not relevant
pH	8.5 to 10.0 @25 °C (77 °F)	Specific Gravity/ Relative Density	1.43 Water=1
Density	11.73 lb/gal @ 25 °C (77 °F)	Bulk Density	No data available
Water Solubility	Soluble 100% @ 25 °C(77 °F)	Solvent Solubility	Not relevant
Viscosity	120,000 – 160,000 cP @ 25 °C (77 °F)		
VOLATILITY			
Vapor Pressure	0.1 mmHg(torr)@ 20°C(68°F)	Vapor density	>1 Air=1
Evaporation Rate	<1 Ether = 1	VOC (Wt.)	No data available
VOC (Vol.)	< 50 g/L	Volatiles (Wt.)	No data available
Volatiles (Vol.)	No data available		
FLAMMABILITY			
Flash Point	>247 °F (>119 °C)	Flash Point Test Type	CC (Close Cup)
UEL	No data available	LEL	No data available
Auto ignition	No data available	Self-Accelerating Decomposition Temperature (SADT)	Not relevant
Heat of Combustion (ʌHc)	No relevant	Burning Time	Not relevant
Flame Duration	No relevant	Flame Height	Not relevant
Flame Extension	Not relevant	Ignition Distance	Not relevant
ENVIROMENTAL			
Half-Life	Not relevant		
Coefficient of Water	Not relevant	Bioaccumulation factor	Not relevant
Bio concentration	Not relevant	Biochemical Oxygen Demand BOD/BOD5	Not relevant

Chemical Oxygen Demand	Not relevant	Persistence	Not relevant
Degradation	Not relevant		

SECTION 10 – STABILITY AND REACTIVITY

Stability *Stable under normal temperatures and pressures.
Hazardous Polymerization *Hazardous polymerization not indicated.
Conditions to Avoid *Excessive heat and freezing.
Incompatible Materials *Strong oxidizers and acids.
Hazardous Decomposition *No known issues under normal usage conditions.

SECTION 11 – TOXICOLOGICAL INFORMATION

Component Name	CAS	Data
Water (25% to 45%)	7732-18-5	Acute Toxicity: orl-rat LD50:>90 mL/kg
Titanium Dioxide (5% to 15%)	13463-67-7	Acute Toxicity: orl-rat TDLo: 60 gm/kg Irritation: skn-hmn 300 ug/3D-I MLD
Silica, Quartz (1% to 2%)	14808-60-7	Acute Toxicity: orl-rat TDLo: 120 gn/kg; ihl-rat TCLo:10 mg/m3/75D-I
Propylene Glycol (0.1% to 1%)	57-55-6	Acute Toxicity: orl-rat LD50:20 gm/kg; skn-hmn TCLo: 10 pph; skn-hmn TDLo:5 mg/kg/7D-I Irritation: skn-hmn 500 mg/7D MLD
Texanol Ester (0.1% to 1%)	25265-77-4	Acute Toxicity: orl.rat LD50:3200 mg/kg; ihl-rat LC:>3500 mg/m3/6H

Other Component Information *IARC has concluded that the following chemicals in this product are carcinogenic to humans (Group 1): silica, quartz, ACGIH has designated the following chemicals in this product as suspected human carcinogens (A2): silica, quartz, NTP has listed the following chemicals in this product as known human carcinogens: silica, quartz. Risk of cancer depends on duration and level of exposure to this product as a dust or aerosol mist.

SECTION 12 – ECOLOGICAL INFORMATION

Ecological Fate *No data available.
Persistence/Degradability *No data available.
Bioaccumulation Potential *No data available.
Mobility in Soil *No data available.
Other Information *Do not allow product exposure to the ground or into any waterway. Do not allow entry into municipal sewer systems.

SECTION 13 – DISPONSAL CONSIDERATIONS

Product *Dispose of content and/or container in accordance with local, regional, national, and/or International regulations.

SECTION 14 – TRANSPORTATION INFORMATION

DOT – United States –Department of Transportation – Shipping Name: Not Regulated.

TDG – Canada – Transportation of Dangerous Goods – Shipping Name: Not restricted.

IMO/IMDG – International Maritime Transport - Shipping Name: Not Regulated

IATA – International Air Transportation Association – Not Regulated

SECTION 15 – REGULATORY INFORMATION

SARA Hazard Classification * Acute, Chronic

State Right To Know					
Component	**CAS**	**MA**	**MN**	**NJ**	**PA**
Water	7732-18-5	No	No	No	No
Acrylic Polymer Solution	NDA	No	No	No	No
Calcium carbonate	1317-65-3	Yes	Yes	Yes	Yes
Titanium Dioxide	13463-67-7	Yes	Yes	Yes	Yes
Silica, Quartz	14808-60-7	Yes	Yes	Yes	Yes
Hydroxyethylcellulose	9004-62-0	No	No	No	No
Propylene Glicol	57-55-6	No	Yes	Yes	Yes
Surfactant/Additive	NDA	No	No	No	No
Texanol Ester	25265-77-4	No	No	No	No

State Inventory			
Component	**CAS**	**EU EINECS**	**TSCA**
Water	7732-18-5	Yes	Yes
Acrylic Polymer Solution	NDA	No	No
Calcium carbonate	1317-65-3	Yes	Yes
Titanium Dioxide	13463-67-7	Yes	Yes
Silica, Quartz	14808-60-7	Yes	Yes
Hydroxyethylcellulose	9004-62-0	No	Yes
Propylene Glicol	57-55-6	Yes	Yes
Surfactant/Additive	NDA	No	No
Texanol Ester	25265-77-4	Yes	Yes

Canada			
Labor			
Canada – WHMIS – Classification of Substances			
Calcium carbonate	1317-65-3	30% to 40%	D2A
Titanium Dioxide	13463-67-7	1% to 5%	D2A (In certain cases, this classification does not apply. For more Information consult the section Substance Specific Issues – Titanium dioxide, mixture containing on Health Canada´s WHMIS website)
Propylene Glycol	57-55-6	0.1% to 1%	Uncontrolled product according to WHMIS classification criteria
Texano Ester	25265-77-4	0.1% to 1%	Uncontrolled product according to WHMIS classification criteria
Hydroxyethylcellulose	9004-62-0	0.1% to 1%	Uncontrolled product according to WHMIS classification criteria
Silica, Quartz	14808-60-7	1% to 3%	D2A (In certain cases, this classification does not apply. For more Information consult the section Substance Specific Issues – Silica, crystalline, e on Health Canada´s WHMIS website)

United States			
Enviroment			
U.S. – CERCLA/SARA – Hazardous Substances and their Reportable Quantities			
Calcium carbonate	1317-65-3	30% to 40%	No Listed
Titanium Dioxide	13463-67-7	1% to 5%	No Listed
Propylene Glycol	57-55-6	0.1% to 1%	No Listed
Texano Ester	25265-77-4	0.1% to 1%	No Listed
Hydroxyethylcellulose	9004-62-0	0.1% to 1%	No Listed
Silica, Quartz	14808-60-7	1% to 3%	No Listed

United States- California			
Enviroment			
U.S. – California – Proposition 65 – Carcinogens List			
Calcium carbonate	1317-65-3	30% to 40%	No Listed
Titanium Dioxide	13463-67-7	1% to 5%	No Listed
Propylene Glycol	57-55-6	0.1% to 1%	No Listed
Texano Ester	25265-77-4	0.1% to 1%	No Listed
Hydroxyethylcellulose	9004-62-0	0.1% to 1%	No Listed
Silica, Quartz	14808-60-7	1% to 3%	Carcinogen, initial date 10/1/88 (airborne particles of respirable size)

United States- Rhode Island			
Labor			
U.S. – Rhode Island-Hazardous Substance List			
Calcium carbonate	1317-65-3	30% to 40%	Toxic
Titanium Dioxide	13463-67-7	1% to 5%	Toxic
Propylene Glycol	57-55-6	0.1% to 1%	Flammable
Texano Ester	25265-77-4	0.1% to 1%	Not Listed
Hydroxyethylcellulose	9004-62-0	0.1% to 1%	Not Listed
Silica, Quartz	14808-60-7	1% to 3%	Toxic (dust and fiber)

Other Information WARNING: This product contains a chemical known to the State of California to cause cancer.

SECTION 16 – OTHER INFORMATION

Preparation Date 01/07/2020

Last Revision Date 01/07/2020

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