

SAFETY DATA SHEET

SECTION 1 - PRODUCT & COMPANY IDENTIFICATION

Product Name: 550 Polyester Flake Lining Product Code: 550 Base Off White

Trade Name: 550-Off White

Adams Paint Mfg Company
1416 N University Ave
Lubbock, Tx 79415
Telephone Number: 806-763-2944
Web Site: adampaintmfg.com

Emergency Contacts & Phone Numbers
Chemtrec: 800-424-9300
SDS Request Line: 806-763-2944

Product Use: See Product Data Sheet

Not recommended for: See Product Data Sheet

SECTION 2 - HAZARDS IDENTIFICATION

GHS Ratings:

Flammable liquid	3	Flash point $\geq 23^{\circ}\text{C}$ and $\leq 60^{\circ}\text{C}$ (140°F)
Skin corrosive	2	Reversible adverse effects in dermal tissue, Draize score: $\geq 2.3 < 4.0$ or persistent inflammation
Eye corrosive	2A	Eye irritant: Subcategory 2A, Reversible in 21 days
Carcinogen	1A	Known Human Carcinogen Based on human evidence
Organ toxin single exposure	3	Transient target organ effects- Narcotic effects- Respiratory tract irritation
Organ toxin repeated exposure	1	Significant toxicity in humans- Reliable, good quality human case studies or epidemiological studies Presumed significant toxicity in humans- Animal studies with significant and/or severe toxic effects relevant to humans at generally low exposure (guidanc
Aspiration hazard	1	Aspiration Toxicity Category 1: Known (regarded)- human evidence - hydrocarbons with kinematic viscosity ≥ 20.5 mm ² /s at 40° C.

GHS Hazards

H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H350	May cause cancer
H372	Causes damage to organs through prolonged or repeated exposure

GHS Precautions

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P210	Keep away from heat, sparks, open flames, hot surfaces and other ignition sources - No smoking
P233	Keep container tightly closed
P240	Ground and bond container and receiving equipment
P241	Use explosion-proof electrical, ventilating, lighting and equipment

P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P260	Do not breathe dust, fumes, gas, mist, vapors or spray
P261	Avoid breathing dust, fumes, gas, mist, vapors or spray
P264	Wash thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P271	Use only outdoors or in a well-ventilated area
P280	Wear protective gloves, protective clothing, eye protection and face protection
P281	Use personal protective equipment as required
P312	Call a POISON CENTER or physician if you feel unwell
P314	Get Medical advice/attention if you feel unwell
P321	Specific treatment (see Section 4 of SDS on this label)
P331	Do NOT induce vomiting
P362	Take off contaminated clothing and wash before reuse
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or physician
P302+P352	IF ON SKIN: Wash with soap and water
P303+P361+P353	IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P308+P313	IF exposed or concerned: Get medical attention
P332+P313	If skin irritation occurs: Get medical attention
P337+P313	Get medical attention
P370+P378	In case of fire: Use dry chemical, foam, carbon dioxide or water fog for extinction
P405	Store locked up
P403+P233	Store in a well ventilated place. Keep container tightly closed
P403+P235	Store in a well ventilated place. Keep cool
P501	Dispose of contents and container in accordance with local and national regulations

Signal Word: Danger



SECTION 3 - COMPOSITION INFORMATION ON INGREDIENTS

Chemical Name	CAS number	Weight Concentration %
Styrene	100-42-5	30.00% - 40.00%
Mica	12001-26-2	10.00% - 20.00%
Titanium dioxide	13463-67-7	1.00% - 5.00%
Feldspar	68476-25-5	1.00% - 5.00%
Kaolin	1332-58-7	1.00% - 5.00%
Solvent naphtha, petroleum, light aromatic	64742-95-6	0.10% - 1.00%
Quartz	14808-60-7	0.10% - 1.00%

SECTION 4 - FIRST AID MEASURES

Inhalation: If symptoms develop, move to fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen by trained personnel. Keep person warm and quiet, seek immediate medical attention.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting upper and lower eyelids. Check for and remove any contact lenses. Get medical attention.

Skin Contact: Remove contaminated clothing. Flush exposed skin with soap and water. If skin is damaged, seek medical attention. If skin is not damaged and symptoms persist, seek medical attention. Wash clothing before reuse.

Ingestion: Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with head down. Contact a physician, medical facility or poison control center for advice about whether to induce vomiting. If possible do not leave individual unattended.

Notes to Physician: This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: 31 C (88 F)

LEL: 1.00

UEL: 7.00

Suitable Extinguishing Media: Use dry chemical, foam, carbon dioxide, or water fog to extinguish fire. Water may not be effective to extinguish fire. Spattering of flammable liquid may result from spraying water.

Specific Hazards arising from the Chemical: Minimize breathing gases, vapors, fumes or decomposition products. At elevated temperatures, vapors can form an ignitable mixture with air. Vapors can flow along surfaces to distant ignition sources and flash back. Polymerization will take place under fire conditions. If polymerization occurs in a closed container, there is a possibility it will rupture violently.

Hazardous Combustion Products: May form: carbon oxides, toxic fumes, various hydrocarbons.

Protection of Firefighters: Water may be unsuitable as an extinguishing media, but helpful in keeping adjacent containers cool. If a leak or spill has ignited, use water spray to disperse the vapors and to protect the men attempting to stop leak.

Protective Equipment and Precautions for Firefighters: Wear self-contained breathing apparatus and full protective gear.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use proper personal protective equipment as listed in Section 8. Eliminate all ignition sources (flares, flames, pilot lights, sparks, etc.). Persons not wearing protective equipment should be excluded from area of spill.

Environmental Precautions: Avoid runoff into storm sewers, ditches and waterways. If run-off occurs, notify proper authorities as required.

Methods for Containment: Contain spilled liquid with sand or earth. DO NOT use combustible materials, such as sawdust.

Methods for Clean-up: Remove all sources of ignition. Provide ventilation. Absorb spill with inert material (vermiculite, dry sand, earth or other absorbent material), collect spill with a non-sparking tool then place in a chemical waste container for disposal.

SECTION 7 - HANDLING AND STORAGE

Handling: Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid and/or solid), all hazard precautions given in the data sheet must be observed. Avoid prolonged or frequently repeated skin contact with this material. Use with adequate ventilation. Avoid breathing vapor and contacts with eyes, skin and clothing. Material will accumulate static charges which may cause an electrical spark (ignition source), bond and ground containers when transferring material. Use spark-proof tools and explosion-proof equipment. Do not reuse containers without proper cleaning or reconditioning.

Hygiene Practices: Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling vapor or mist.

Storage: Store in a cool dry, well ventilated area away from sources of heat, combustible materials and incompatible substances. Keep container tightly closed when not in use.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
-------------------------	----------------------	-----------------------	-----------------------

Styrene 100-42-5	100 ppm TWA	40 ppm STEL 20 ppm TWA	NIOSH: 50 ppm TWA; 215 mg/m3 TWA 100 ppm STEL; 425 mg/m3 STEL
Mica 12001-26-2	Not Established	3 mg/m3 TWA (respirable fraction)	NIOSH: 3 mg/m3 TWA (containing <1% Quartz, respirable dust)
Titanium dioxide 13463-67-7	15 mg/m3 TWA (total dust)	10 mg/m3 TWA	Not Established
Feldspar 68476-25-5	Not Established	Not Established	Not Established
Kaolin 1332-58-7	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)	2 mg/m3 TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction)	NIOSH: 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)
Solvent naphtha, petroleum, light aromatic 64742-95-6	Not Established	Not Established	Not Established
Quartz 14808-60-7	Not Established	0.025 mg/m3 TWA (respirable fraction)	NIOSH: 0.05 mg/m3 TWA (respirable dust)

Engineering Controls: Use appropriate engineering control such as process enclosures, local exhaust ventilation or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective, wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.

Eye / Face Protection: Wear protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulations.

Skin Protection: Chemical-resistant gloves and chemical goggles, face-shield and synthetic apron or coveralls should be used to prevent contact with eye, skin or clothing.

Respiratory Protection: A NIOSH-approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air-purifying respirators is limited. Use a positive-pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where air-purifying respirators may not provide adequate protection.

General Hygiene Considerations: Avoid breathing vapor or mist. Avoid contact with eyes and skin. Wash thoroughly after handling and before eating or drinking.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<p>Appearance: Liquid</p> <p>pH: Not Available</p> <p>Melting Point: Not Available</p> <p>Evaporation Rate: 12.4 (BuAc=1)</p> <p>Explosive Limits: 1% - 7%</p> <p>Vapor Pressure: 4.5 mmHg</p> <p>Partition Coefficient: Not Available</p>	<p>Odor: Pungent</p> <p>Odor Threshold: Not Available</p> <p>Boiling Point: 145°C</p> <p>Flash Point: 88 F, 31 C</p> <p>Flammability (solid/gas): Not Available</p> <p>Vapor Density: 3.6</p> <p>Solubility: Negligible</p>
---	--

Autoignition Temperature: 490°C Lbs / Gallon 10.93 VOC Lbs/g 0.040	Decomposition Temperature: Not Available Viscosity: Not Available VOC g/l 4.803
---	--

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: Heat, flames, sparks and prolonged storage at elevated temperatures. Avoid contact with excessive heat.

Incompatible Materials: Avoid contact with acids, aluminum chloride, halogens, iron chloride, metal salts, peroxides, strong alkalis, strong oxidizing agents.

Hazardous Decomposition Products: Decomposition may produce carbon oxides, toxic fumes, various hydrocarbons.

Hazardous Polymerization: Product can undergo hazardous polymerization, avoid exposure to excessive heat, peroxides and polymerization catalyst.

SECTION 11 - TOXICOLOGICAL INFORMATION

Mixture Toxicity

Inhalation Toxicity LC50: 36mg/L

Component Toxicity

- 100-42-5 Styrene
Dermal LD50: 2,001 mg/kg (Rat) Inhalation LC50: 12 mg/L (Rat)
- 13463-67-7 Titanium dioxide
Oral LD50: 3,500 mg/kg (Rat)
- 64742-95-6 Solvent naphtha, petroleum, light aromatic
Inhalation LC50: 3,400 ppm (Rat)

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
64742-95-6	Solvent naphtha, petroleum, light aromatic	.1 to 1.0%	Solvent naphtha, petroleum, light aromatic: EU REACH: Present (P)
14808-60-7	Quartz	.1 to 1.0%	Quartz: NIOSH: potential occupational carcinogen IARC: Human carcinogen OSHA: listed
13463-67-7	Titanium dioxide	1 to 5%	Titanium dioxide: NIOSH: potential occupational carcinogen IARC: Possible human carcinogen OSHA: listed
100-42-5	Styrene	30 to 40%	Styrene: IARC: Possible human carcinogen OSHA: listed

SECTION 12 - ECOLOGICAL INFORMATION

No additional information provided for this product. See Section 3 for chemical specific data.

Component Ecotoxicity

Styrene

96 Hr LC50 Pimephales promelas: 3.24 - 4.99 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 19.03 - 33.53 mg/L [static]; 96 Hr LC50 Pimephales promelas: 6.75 - 14.5 mg/L [static]; 96 Hr LC50 Poecilia reticulata: 58.75 - 95.32 mg/L [static]
 48 Hr EC50 Daphnia magna: 3.3 - 7.4 mg/L
 72 Hr EC50 Pseudokirchneriella subcapitata: 1.4 mg/L; 96 Hr EC50 Pseudokirchneriella subcapitata: 0.72 mg/L; 72 Hr EC50 Pseudokirchneriella subcapitata: 0.46 - 4.3 mg/L [static]; 96 Hr EC50 Pseudokirchneriella subcapitata: 0.15 - 3.2 mg/L [static]

Solvent naphtha, petroleum, light aromatic

96 Hr LC50 Oncorhynchus mykiss: 9.22 mg/L
 48 Hr EC50 Daphnia magna: 6.14 mg/L

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal: Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classification of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and / or state and local guidelines.

SECTION 14 - TRANSPORT INFORMATION

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Paint	1263	III	3

SECTION 15 - REGULATORY INFORMATION

Additional regulatory listings, where applicable.

CERCLA RQ:

<u>Component</u>	<u>RQ (lbs)</u>
Styrene	1000

SARA 311/312 Hazard Classes: Acute, Chronic, Fire, Reactive

SARA 302 Components:

100-42-5 Styrene 30 to 40 %

SARA 313 TOXIC CHEMICALS:

100-42-5 Styrene 30 to 40 %

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING!

This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

- None

Toxic Substances Control Act (TSCA): All chemicals except those listed below appear in the Toxic Substances Control Act Chemical Substance Inventory.

- None

SECTION 16 - OTHER INFORMATION

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations and orders.

Date revised: 2016-04-25

Reviewer Revision 4

Date Prepared: 4/25/2016