



# Material Safety Data Sheet

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Date of Preparation  
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## Section 1 - Product and Company Identification

PRODUCT NAME, NUMBERS, & COLORS  
PRO SELECT™ Polyurethane Sealant  
C-1550A White  
C-1551A Bronze  
C-1552A Aluminum

HMIS CODES  
Health 2\*  
Flammability 2  
Reactivity 0

MANUFACTURER'S NAME  
THE SHERWIN-WILLIAMS COMPANY  
101 Prospect Avenue N.W.  
Cleveland, OH 44115

EMERGENCY TELEPHONE NO.  
(216) 566-2917  
INFORMATION TELEPHONE NO.  
(216) 566-2902

## Section 2 - Composition/Information on Ingredients

% WT.	CAS No.	Ingredient Name				
3	108-88-3	<b>Toluene</b>	ACGIH TLV TWA	50	ppm (Skin)	
			OSHA PEL TWA	100	ppm (Skin)	
			OSHA PEL STEL	150	ppm (Skin)	
20	471-34-1	<b>Calcium Carbonate</b>	ACGIH TLV TWA	10	mg/m3 as Dust	
			OSHA PEL TWA	15	mg/m3 as Total Dust	
			OSHA PEL TWA	5	mg/m3 as Respirable Fraction	
<22	13463-67-7	<b>Titanium Dioxide</b>	ACGIH TLV TWA	10	mg/m3 as Dust	
			OSHA PEL TWA	10	mg/m3 as Total Dust	
			OSHA PEL TWA	5	mg/m3 as Respirable Fraction	

## Section 3 - Hazards Identification

### ROUTES OF EXPOSURE

Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

### EFFECTS OF OVEREXPOSURE

Irritation of eyes, skin and upper respiratory system. In a confined area vapors in high concentration may cause headache, nausea or dizziness.

### SIGNS AND SYMPTOMS OF OVEREXPOSURE

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

### MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

May cause allergic skin reaction or sensitization in susceptible persons. This effect may be delayed several hours after exposure.

### CANCER INFORMATION

FOR COMPLETE DISCUSSION OF TOXICOLOGY DATA REFER TO SECTION 11.

## Section 4 – First Aid Measures

- If INHALED: If any breathing problems occur during use, LEAVE THE AREA and get fresh air. If problems remain or occur later, IMMEDIATELY get medical attention.
- If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
- If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
- If SWALLOWED: Do not induce vomiting. Get medical attention immediately.

## Section 5 – Fire Fighting Measures

FLASH POINT	LEL	UEL
148 °F	1.0	7.0

### FLAMMABILITY CLASSIFICATION

Combustible, Flash above 99 and below 200 °F

### EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam

### UNUSUAL FIRE AND EXPLOSION HAZARDS

Keep containers tightly closed. Isolate from heat, electrical equipment, sparks, and open flame. Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

### SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

## Section 6 – Accidental Release Measures

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate the area. Cover spill with absorbent material. Deactivate spilled material with a 10% ammonium hydroxide solution (household ammonia). After 10 minutes, collect in open containers and add more ammonia. Cover loosely. Wash spill area with soap and water.

## Section 7 – Handling and Storage

### DOL STORAGE CATEGORY

2

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Contents are COMBUSTIBLE. Keep away from heat and open flame. Consult NFPA Code. Use approved Bonding and Grounding procedures. Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

## Section 8 – Exposure Controls/Personal Protection

### PRECAUTIONS TO BE TAKEN IN USE

NO PERSON SHOULD USE THESE PRODUCTS, OR BE IN THE AREA WHERE THESE PRODUCTS ARE BEING USED, IF THEY HAVE EVER HAD A REACTION TO ISOCYANATES.

Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after using.

These products may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m<sup>3</sup> (total dust), 3 mg/m<sup>3</sup> (respirable fraction), OSHA PEL 15 mg/m<sup>3</sup> (total dust), 5 mg/m<sup>3</sup> (respirable fraction).

#### VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

#### RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

#### PROTECTIVE GLOVES

To avoid contact with skin, wear chemical resistant, impervious gloves which are recommended by glove supplier for protection against materials in Section 2.

#### EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

### Section 9 - Physical and Chemical Properties

PRODUCT WEIGHT	13.3 lb/gal	EVAPORATION RATE	Slower than Ether
SPECIFIC GRAVITY	1.60	VAPOR DENSITY	Heavier than Air
BOILING RANGE	222-238 °F	MELTING POINT	N.Av.
VOLATILE VOLUME	<5 %	SOLUBILITY IN WATER	N.Av.
VOC	0.4 lb 47 gm		

### Section 10 - Stability and Reactivity

STABILITY Stable

CONDITIONS TO AVOID - Avoid contact with amines, strong bases and active surface materials.

INCOMPATIBILITY - None known.

HAZARDOUS DECOMPOSITION PRODUCTS - By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION - Will not occur

### Section 11 - Toxicological Information

#### CHRONIC HEALTH HAZARDS

No ingredient in these products is an IARC, NTP or OSHA listed carcinogen.

Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver, urinary, cardiovascular, and reproductive systems.

Persons sensitive to isocyanates will experience increased allergic reaction on repeated exposure.

Rats exposed to titanium dioxide dust at 250 mg./m<sup>3</sup> developed lung cancer, however, such exposure levels are not attainable in the workplace.

Reports have associated repeated and prolonged overexposure to solvents with Permanent brain and nervous system damage.

## TOXICOLOGY DATA

CAS No.	Ingredient Name				
108-88-3	<b>Toluene</b>				
	LC50	RAT	4HR	4000	ppm
	LD50	RAT		636	mg/kg
471-34-1	<b>Calcium Carbonate</b>				
	LC50	RAT	4HR	Not Available	
	LD50	RAT		6450	mg/kg
13463-67-7	<b>Titanium Dioxide.</b>				
	LC50	RAT	4HR	Not Available	
	LD50	RAT		>7500	mg/kg

**Section 12 – Ecological Information**

## ECOTOXICOLOGICAL INFORMATION

No Data Available.

**Section 13 – Disposal Considerations**

## WASTE DISPOSAL METHOD

Waste from these products is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

**Section 14 – Transport Information**

DOT PROPER SHIPPING DESCRIPTION: Compounds, Caulking or Glaziers, NOI

IATA/IMDG SHIPPING DESCRIPTION: Compounds, Caulking or Glaziers, NOI

**Section 15 – Regulatory Information**

## SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No.	CHEMICAL/COMPOUND	% by WT	% Element
108-88-3	Toluene.	3	

## CALIFORNIA PROPOSITION 65

WARNING: These products contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

## TSCA CERTIFICATION

All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

**Section 16 – Other Information**

*CANADIAN DISTRIBUTOR: Sherwin-Williams Canada  
180 Brunel Rd.  
Mississauga, ON L4Z 1T5*

NOTE: These products have been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the products. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.