

MATERIAL SAFETY DATA SHEET

B58T650  
01 00

Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER	B58T650	HMIS CODES	
		Health	2*
		Flammability	1
		Reactivity	2
PRODUCT NAME	ARMORSEAL* 650SL/RC 100% Solids Self Leveling Epoxy Coating (Part A), Ultra Deep Base A		
MANUFACTURER'S NAME	THE SHERWIN-WILLIAMS COMPANY	EMERGENCY TELEPHONE NO.	(216) 566-2917
	101 Prospect Avenue N.W.		
	Cleveland, OH 44115		
DATE OF PREPARATION	07-JAN-07	INFORMATION TELEPHONE NO.	(216) 566-2902

Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

% by WT	CAS No.	INGREDIENT	UNITS	VAPOR PRESSURE
0.1	100-41-4	Ethylbenzene		
		ACGIH TLV	100 ppm	7.1 mm
		ACGIH TLV	125 ppm STEL	
		OSHA PEL	100 ppm	
		OSHA PEL	125 ppm STEL	
4	15625-89-5	Trimethylolpropane Triacrylate		
		ACGIH TLV	Not Available	
		OSHA PEL	Not Available	
63	25085-99-8	Epoxy Polymer		
		ACGIH TLV	Not Available	
		OSHA PEL	Not Available	
10	14808-60-7	Quartz		
		ACGIH TLV	0.05 mg/m3 as Resp. Dust	
		OSHA PEL	0.1 mg/m3 as Resp. Dust	
7	14807-96-6	Talc		
		ACGIH TLV	2 mg/m3 as Resp. Dust	
		OSHA PEL	2 mg/m3 as Resp. Dust	

Section 3 -- HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE

INHALATION of vapor or spray mist.  
 EYE or SKIN contact with the product, vapor or spray mist.  
 Contains acrylates which can be absorbed through the skin.  
 Incidental contact with surfaces, protective equipment, or clothing  
 contaminated with product can cause irritation. Irritation may not be  
 noticeable at time of contact but may occur later.

## =====

EFFECTS OF OVEREXPOSURE

EYES: Irritation.

SKIN: Severe irritation. Effect may be delayed. Prolonged contact with uncured product, or contact with heated product, may cause blisters or burns.

INHALATION: Irritation of the 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 in susceptible persons or skin sensitization.

CANCER INFORMATION

For complete discussion of toxicology data refer to Section 11.

## =====

Section 4 -- FIRST AID MEASURES

EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

SKIN: Wash affected area thoroughly with soap and water. If irritation persists or occurs later, get medical attention.

Discard contaminated clothing and shoes.

INHALATION: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

INGESTION: Do not induce vomiting. Get medical attention immediately.

## =====

Section 5 -- FIRE FIGHTING MEASURES

FLASH POINT

>200 F PMCC

LEL

N.A.

UEL

N.A.

FLAMMABILITY CLASSIFICATION

Not Applicable

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat.

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.

Continued on page 3

=====  
Section 6 -- ACCIDENTAL RELEASE MEASURES  
=====

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

Remove all sources of ignition. Ventilate the area.  
Remove with inert absorbent.

=====  
Section 7 -- HANDLING AND STORAGE  
=====

## STORAGE CATEGORY

DOL Storage Class IIIB

## PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Store in a cool shady area, preferably below 80 F.  
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

Use only with adequate ventilation.  
Do not get on skin. Avoid contact with eyes. Avoid breathing vapor or  
spray mist.

Wash hands after using.

Incidental contact with surfaces, protective equipment, or clothing  
contaminated with product causes irritation to skin and eyes. Irritation  
may not be noticeable at time of contact but may occur later.

This coating 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 prevent skin contact, wear nitrile gloves. For additional protection  
wear Silver Shield (North Mfg.) or Barrier 2-100 (Ansell Edmont Mfg.)  
laminated gloves.

## EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

## OTHER PROTECTIVE EQUIPMENT

Use barrier cream on exposed skin.

## OTHER PRECAUTIONS

This product must be mixed with other components before use. Before  
opening the packages, READ AND FOLLOW WARNING LABELS ON ALL COMPONENTS.

Continued on page 4

=====  
 Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES  
 =====

PRODUCT WEIGHT	10.31 lb/gal	1235 g/l
SPECIFIC GRAVITY	1.24	
BOILING POINT	Not Applicable	
MELTING POINT	Not Available	
VOLATILE VOLUME	2 %	
EVAPORATION RATE	Slower than ether	
VAPOR DENSITY	Heavier than air	
SOLUBILITY IN WATER	N.A.	
VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged)		
0.18 lb/gal	22 g/l	Less Water and Federally Exempt Solvents
0.18 lb/gal	22 g/l	Emitted VOC

 =====  
 Section 10 -- STABILITY AND REACTIVITY  
 =====

STABILITY -- Stable  
 CONDITIONS TO AVOID  
 Elevated temperature.  
 INCOMPATIBILITY  
 Oxidizing and reducing agents.  
 HAZARDOUS DECOMPOSITION PRODUCTS  
 By fire: Carbon Dioxide, Carbon Monoxide  
 HAZARDOUS POLYMERIZATION  
 May occur

 =====  
 Section 11 -- TOXICOLOGICAL INFORMATION  
 =====

## CHRONIC HEALTH HAZARDS

Ethylbenzene is classified by IARC as possibly carcinogenic to humans (2B) based on inadequate evidence in humans and sufficient evidence in laboratory animals. Lifetime inhalation exposure of rats and mice to high ethylbenzene concentrations resulted in increases in certain types of cancer, including kidney tumors in rats and lung and liver tumors in mice. These effects were not observed in animals exposed to lower concentrations. There is no evidence that ethylbenzene causes cancer in humans.

Crystalline Silica (Quartz, Cristobalite) is listed by IARC and NTP. Long term exposure to high levels of silica dust, which can occur only when sanding or abrading the dry film, may cause lung damage (silicosis) and possibly cancer.

 =====  
 TOXICOLOGY DATA  
 =====

CAS No.	Ingredient Name				
100-41-4	Ethylbenzene	LC50	RAT	4HR	Not Available
		LD50	RAT		3500 mg/kg
15625-89-5	Trimethylolpropane Triacrylate	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available
25085-99-8	Epoxy Polymer	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available
14808-60-7	Quartz	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available
14807-96-6	Talc	LC50	RAT	4HR	Not Available
		LD50	RAT		Not Available

Section 12 -- ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

No data available.

Section 13 -- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD

Waste from this product 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/Provincial, and Local regulations regarding pollution.

Section 14 -- TRANSPORT INFORMATION

No data available.

Section 15 -- REGULATORY INFORMATION

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No.	CHEMICAL/COMPOUND	% by WT	% Element
100-41-4	Ethylbenzene	0.1	

CALIFORNIA PROPOSITION 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

Continued on page 6

=====  
Section 16 -- OTHER INFORMATION  
=====

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. 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.