

# SAFETY DATA SHEET

Prepared in accordance with Regulation (EC) No 1907/2006, Annex II (REACH).

B58RC0001  
01 00

DATE OF PREPARATION  
May 28, 2013

## SECTION 1. IDENTIFICATION OF THE PREPARATION AND COMPANY

### 1.1. PRODUCT IDENTIFIER

B58RC0001  
MACROPOXY 860 RED OXIDE PART A

### 1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Paint

### 1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

THE SHERWIN-WILLIAMS COMPANY  
101 Prospect Avenue N.W.  
Cleveland, OH 44115

### EMERGENCY TELEPHONE

Product Information	www.sherwin-williams.com
Regulatory Information	(216) 566-2902 www.paintdocs.com
Medical Emergency	(216) 566-2917
Transportation Emergency*	(800) 424-9300
*for Chemical Emergency ONLY (spill, leak, fire, exposure, or accident)	

## SECTION 2. HAZARDS IDENTIFICATION

### 2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Danger



Flammable liquid and vapour.  
May be fatal if swallowed and enters airways.  
Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye irritation.  
May cause respiratory irritation.  
Harmful to aquatic life with long lasting effects.  
May cause long lasting harmful effects to aquatic life.

#### Preventive Measures :

If medical advice is needed, have product container or label at hand.  
Keep out of reach of children.  
Read label before use.  
Keep away from heat/sparks/open flames/hot surfaces – No smoking.  
Keep container tightly closed.  
Ground/bond container and receiving equipment.  
Use explosion-proof electrical/ventilating/light/.../equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Avoid release to the environment.  
Wash with water thoroughly after handling.  
Avoid breathing dust/fume/gas/mist/vapours/spray.  
Use only outdoors or in a well-ventilated area.

Contaminated work clothing should not be allowed out of the workplace.

**Incident Responses :**

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

In case of fire: Use ... for extinction.

IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

Get medical advice/attention.

IF ON SKIN: Wash with soap and water.

Specific treatment (Section 4 of the SDS).

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash before reuse.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Call a POISON CENTER or doctor/physician if you feel unwell.

If skin irritation or a rash occurs: Get medical advice/attention.

Wash contaminated clothing before reuse.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

Do NOT induce vomiting.

**Storage Safety :**

Store in a well ventilated place. Keep cool.

Store locked up.

Store in a well ventilated place. Keep container tightly closed.

**Waste Disposal :**

Dispose of contents/container in accordance with local/regional/national/international regulations.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. SUBSTANCES

Not Available

### 3.2. MIXTURES

% by Weight	CAS Number	EC Number	REACH	EC CLASSIFICATION (67/548/EC, 1272/2008/EC)
1 - 2,5	100-41-4 Ethylbenzene	202-849-4		F;R11 Xn;R20 Acute Tox. 4 H332, Flam. Liq. 2 H225
2,5 - 10	1330-20-7 Xylene	215-535-7	01-2119488216-32	R10 Xn;R20/21 Xi;R38 Acute Tox. 4 H312, Acute Tox. 4 H332, Flam. Liq. 3 H226, Skin Irrit. 2 H315
2,5 - 10	78-83-1 2-Methyl-1-propanol	201-148-0	01-2119484609-23	R10 Xi;R37/38 R41 R67 Eye Dam. 1 H318, Flam. Liq. 3 H226, STOT SE 3 H335, STOT SE 3 H336, Skin Irrit. 2 H315
1 - 2,5	100-51-6 Phenylmethanol	202-859-9		Xn;R20/22 Acute Tox. 4 H302, Acute Tox. 4 H332
10 - 25	25068-38-6 Epoxy Polymer			Xi;R36/38 R43 N;R51 R53 Aquatic Chronic 2 H411, Eye Irrit. 2 H319, Skin Irrit. 2 H315, Skin Sens. 1 H317
25 - 50	14807-96-6 Talc			
2,5 - 10	13463-67-7 Titanium Dioxide			

For the full text of the H-Statements and R-phrases mentioned in this section, see Section 16.

### CANCER INFORMATION

For complete discussion of toxicology data refer to Section 11.

## SECTION 4. FIRST-AID MEASURES

### 4.1. DESCRIPTION OF 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.

Remove contaminated clothing and launder before re-use.

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

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

### 4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Not Available

### 4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Not Available

## SECTION 5. FIRE-FIGHTING MEASURES

### 5.1. EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam

### 5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

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.

### 5.3. ADVICE FOR FIREFIGHTERS

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

### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Remove all sources of ignition. Ventilate the area.

Follow protective measures listed in Sections 7 and 8.

### 6.2. ENVIRONMENTAL PRECAUTIONS

Do not allow product to enter drains or waterways.

If the product enters drains or sewers, notify the local water authorities; in the case of contamination of streams, rivers or lakes contact the environmental authorities.

### 6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Remove with inert absorbent.

## SECTION 7. HANDLING AND STORAGE

### 7.1. PRECAUTIONS FOR SAFE HANDLING

Contents are FLAMMABLE. Keep away from heat, sparks, and open flame.

During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition.

Use approved Bonding and Grounding procedures.

### 7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

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.

### 7.3. SPECIFIC END USE(S)

Not Available

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. CONTROL PARAMETERS

CAS Number	Ingredient	STEL		TWA			
		PPM	MG/M3	PPM	MG/M3		
100-41-4	Ethylbenzene	GB	125	552	100	441	Possibility of significant uptake through the skin
1330-20-7	Xylene	GB	100	441	50	220	Possibility of significant uptake through the skin
78-83-1	2-Methyl-1-propanol	GB	75	231	50	154	
14807-96-6	Talc	GB		3		1	
13463-67-7	Titanium Dioxide	GB		12		4	

### 8.2. EXPOSURE CONTROLS

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

#### 8.2.1. APPROPRIATE ENGINEERING CONTROLS

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 3 is maintained below applicable exposure limits.

#### 8.2.2. INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT

Use only with adequate ventilation.

Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.

Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 3) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 3, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m3 (total dust), 3 mg/m3 (respirable fraction).

A) EYE/FACE PROTECTION

Wear safety spectacles with unperforated sideshields.

B) SKIN PROTECTION

I) HAND PROTECTION

Wear gloves which are recommended by glove supplier for protection against materials in Section 3.

II) OTHER

Use of barrier cream on exposed skin is recommended.

C) 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 3.

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.

D) THERMAL HAZARDS

Not Available

8.2.3. ENVIRONMENTAL EXPOSURE CONTROLS

Not Available

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE</b>	Liquid	
<b>ODOUR</b>	Paint	
<b>PRODUCT WEIGHT</b>	1511 g/l	12.62 lb/gal
<b>SPECIFIC GRAVITY</b>	1.52	
<b>FLASH POINT</b>	27 °C	80 °F
<b>LOWER EXPLOSION LIMIT (LEL)</b>	1%	
<b>UPPER EXPLOSION LIMIT (UEL)</b>	10.9%	
<b>BOILING POINT</b>	105 - 207 °C	222 - 405 °F
<b>MELTING POINT</b>	Not Available	
<b>VOLATILE VOLUME</b>	29%	
<b>EVAPORATION RATE</b>	Slower than ether	
<b>VAPOR DENSITY</b>	Heavier than air	
<b>SOLUBILITY IN WATER</b>	Not Available	
<b>VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged)</b>		
	2.12 lb/gal	254 g/l
		Less Water
	2.12 lb/gal	254 g/l
		Emitted VOC

9.2. OTHER INFORMATION

Not Available

**SECTION 10. STABILITY AND REACTIVITY**

10.1. REACTIVITY

None known.

10.2. CHEMICAL STABILITY

Stable

10.3. POSSIBILITY OF HAZARDOUS REACTIONS

None known.

10.4. CONDITIONS TO AVOID

None known.

10.5. INCOMPATIBLE MATERIALS

None known.

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide

**SECTION 11. TOXICOLOGICAL INFORMATION**

CHRONIC HEALTH HAZARDS

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

IARC's Monograph No. 93 reports there is sufficient evidence of carcinogenicity in experimental rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans and has assigned a Group 2B rating. In addition, the IARC summary concludes, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium is bound to other materials, such as paint."

## SECTION 12. ECOLOGICAL INFORMATION

### 12.1. TOXICITY

Not Available

### 12.2. PERSISTENCE AND DEGRADABILITY

Not Available

### 12.3. BIOACCUMULATIVE POTENTIAL

Not Available

### 12.4. MOBILITY IN SOIL

Not Available

### 12.5. RESULTS OF PBT AND VPVB ASSESSMENT

Not Available

### 12.6. OTHER ADVERSE EFFECTS

Not Available

## SECTION 13. DISPOSAL CONSIDERATIONS

### WASTE DISPOSAL METHOD

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

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

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

### IMO

Information is not Available

### IATA/ICAO

Information is not Available

### ADR/RID

Information is not Available

## SECTION 15. REGULATORY INFORMATION

### 15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

Total volatile organic compounds (VOC): 16.81 %

Total volatile organic carbon: 14.10 %

**For Italian Customers only – Classes of solvents according to Italian Legislative Decree 152/06 (Table D, Part II, Annex I)**

Classification	%
4	9.8
3	4.7

### 15.2. CHEMICAL SAFETY ASSESSMENT

Not Available

**SECTION 16. OTHER INFORMATION****FULL TEXT OF R – PHRASES REFERENCED IN SECTION 3.****(67/548/EC, 1272/2008/EC)**

- R10** Flammable.
  - R11** Highly flammable.
  - R20** Harmful by inhalation.
  - R20/21** Harmful by inhalation and in contact with skin.
  - R20/22** Harmful by inhalation and if swallowed.
  - R36/38** Irritating to eyes and skin.
  - R37/38** Irritating to respiratory system and skin.
  - R38** Irritating to skin.
  - R41** Risk of serious damage to eyes.
  - R43** May cause sensitisation by skin contact.
  - R51** Toxic to aquatic organisms.
  - R53** May cause long-term adverse effects in the aquatic environment.
  - R67** Vapours may cause drowsiness and dizziness.
- 
- H225** Highly flammable liquid and vapour.
  - H226** Flammable liquid and vapour.
  - H302** Harmful if swallowed.
  - H312** Harmful in contact with skin.
  - H315** Causes skin irritation.
  - H317** May cause an allergic skin reaction.
  - H318** Causes serious eye damage.
  - H319** Causes serious eye irritation.
  - H332** Harmful if inhaled.
  - H335** May cause respiratory irritation.
  - H336** May cause drowsiness or dizziness.
  - H411** Toxic to aquatic life with long lasting effects.

This Safety Data Sheet is prepared in accordance with Regulation (EC) No 1907/2006, Annex II (REACH), as amended by Regulation (EU) No.453/2010.

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.