### SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NUMBER**

B67B235

**PRODUCT NAME**

DURA-PLATE® 235 Multi-Purpose Epoxy (Part A), Black

**MANUFACTURER'S NAME**

THE SHERWIN-WILLIAMS COMPANY

101 Prospect Avenue N.W.

Cleveland, OH 44115

**Telephone Numbers and Websites**

<table>
<thead>
<tr>
<th>Product Information</th>
<th><a href="http://www.sherwin-williams.com">www.sherwin-williams.com</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Regulatory Information</td>
<td>(216) 566-2902</td>
</tr>
<tr>
<td></td>
<td><a href="http://www.paintdocs.com">www.paintdocs.com</a></td>
</tr>
<tr>
<td>Medical Emergency *</td>
<td>(216) 566-2917</td>
</tr>
<tr>
<td>Transportation Emergency *</td>
<td>(800) 424-9300</td>
</tr>
</tbody>
</table>

*for Chemical Emergency ONLY (spill, leak, fire, exposure, or accident)*

### SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>% by Weight</th>
<th>CAS Number</th>
<th>Ingredient</th>
<th>Units</th>
<th>Vapor Pressure</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>100-41-4</td>
<td>Ethylbenzene</td>
<td>ACGIH TLV</td>
<td>100 PPM</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>ACGIH TLV</td>
<td>125 PPM STEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OSHA PEL</td>
<td>100 PPM</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OSHA PEL</td>
<td>125 PPM STEL</td>
</tr>
<tr>
<td>8</td>
<td>1330-20-7</td>
<td>Xylene</td>
<td>ACGIH TLV</td>
<td>100 PPM</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>ACGIH TLV</td>
<td>150 PPM STEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OSHA PEL</td>
<td>100 PPM</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OSHA PEL</td>
<td>150 PPM STEL</td>
</tr>
<tr>
<td>3</td>
<td>71-36-3</td>
<td>1-Butanol</td>
<td>ACGIH TLV</td>
<td>20 PPM</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OSHA PEL</td>
<td>50 ppm (Skin) CEILING</td>
</tr>
<tr>
<td>5</td>
<td>110-43-0</td>
<td>Methyl n-Amyl Ketone</td>
<td>ACGIH TLV</td>
<td>50 PPM</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OSHA PEL</td>
<td>100 PPM</td>
</tr>
<tr>
<td>24</td>
<td>67924-34-9</td>
<td>Epoxy Polymer</td>
<td>ACGIH TLV</td>
<td>Not Available</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OSHA PEL</td>
<td>Not Available</td>
</tr>
<tr>
<td>4</td>
<td>Proprietary</td>
<td>Phenol blocked TDI Polymer</td>
<td>ACGIH TLV</td>
<td>Not Available</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OSHA PEL</td>
<td>Not Available</td>
</tr>
<tr>
<td>32</td>
<td>14807-96-6</td>
<td>Talc</td>
<td>ACGIH TLV</td>
<td>2 mg/m3 as Resp. Dust</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OSHA PEL</td>
<td>2 mg/m3 as Resp. Dust</td>
</tr>
<tr>
<td>13</td>
<td>12001-26-2</td>
<td>Mica</td>
<td>ACGIH TLV</td>
<td>3 mg/m3 as Resp. Dust</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OSHA PEL</td>
<td>3 mg/m3 as Resp. Dust</td>
</tr>
<tr>
<td>0.4</td>
<td>1333-86-4</td>
<td>Carbon Black</td>
<td>ACGIH TLV</td>
<td>3.5 MG/M3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OSHA PEL</td>
<td>3.5 MG/M3</td>
</tr>
</tbody>
</table>

### SECTION 3 — HAZARDS IDENTIFICATION

**ROUTES OF EXPOSURE**

INHALATION of vapor or spray mist.

EYE or SKIN contact with the product, vapor or spray mist.
EFFECTS OF OVEREXPOSURE

EYES: Irritation.
SKIN: Prolonged or repeated exposure may cause irritation.
INHALATION: Irritation of the upper respiratory system.

May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death. Prolonged overexposure to hazardous ingredients in Section 2 may cause adverse chronic effects to the following organs or systems:
- the liver
- the urinary system
- the reproductive system

SIGNs AND SYMPTOMs OF OVEREXPOSURE
Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. 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.
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.

SECTION 5 — FIRE FIGHTING MEASURES

FLASH POINT 115 °F PMCC
LEL 1.0
UEL 11.2
FLAMMABILITY CLASSIFICATION Combustible, Flash above 99 and below 200 °F

EXTINGUISHING MEDIA
Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS
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.
Remove with inert absorbent.

SECTION 7 — HANDLING AND STORAGE

STORAGE CATEGORY
DOL Storage Class II

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
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 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/m³ (total dust), 3 mg/m³ (respirable fraction), OSHA PEL 15 mg/m³ (total dust), 5 mg/m³ (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
Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION
Wear safety spectacles with unperforated sideshields.

OTHER PROTECTIVE EQUIPMENT
Use of barrier cream on exposed skin is recommended.

OTHER PRECAUTIONS
This product must be mixed with other components before use. Before opening the packages, READ AND FOLLOW WARNING LABELS ON ALL COMPONENTS.
Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th></th>
<th>PRODUCT WEIGHT</th>
<th>SPECIFIC GRAVITY</th>
<th>BOILING POINT</th>
<th>MELTING POINT</th>
<th>VOLATILE VOLUME</th>
<th>EVAPORATION RATE</th>
<th>VAPOR DENSITY</th>
<th>SOLUBILITY IN WATER</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>11.76 lb/gal</td>
<td>1.42</td>
<td>243 - 308 °F</td>
<td>Not Available</td>
<td>29%</td>
<td>Slower than ether</td>
<td>Heavier than air</td>
<td>N.A.</td>
</tr>
</tbody>
</table>

VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged)
- 2.08 lb/gal 250 g/l Less Water and Federally Exempt Solvents
- 2.08 lb/gal 250 g/l Emitted VOC

VOLATILE ORGANIC COMPOUNDS (VOC - As Applied)
- <2.26 lb/gal <272 g/l Less Water and Federally Exempt Solvents

SECTION 10 — STABILITY AND REACTIVITY

STABILITY — Stable
CONDITIONS TO AVOID
None known.
INCOMPATIBILITY
None known.
HAZARDOUS DECOMPOSITION PRODUCTS
By fire: Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION
Will not occur

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. Carbon Black is classified by IARC as possibly carcinogenic to humans (group 2B) based on experimental animal data, however, there is insufficient evidence in humans for its carcinogenicity.
TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50 RAT</th>
<th>LD50 RAT</th>
<th>4HR</th>
<th>Not Available</th>
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<tbody>
<tr>
<td>100-41-4</td>
<td>Ethylbenzene</td>
<td></td>
<td></td>
<td>4HR</td>
<td>Not Available</td>
</tr>
<tr>
<td>1330-20-7</td>
<td>Xylene</td>
<td></td>
<td></td>
<td>4HR</td>
<td>5000 ppm</td>
</tr>
<tr>
<td>71-36-3</td>
<td>1-Butanol</td>
<td></td>
<td></td>
<td>4HR</td>
<td>8000 ppm</td>
</tr>
<tr>
<td>110-43-0</td>
<td>Methyl n-Amyl Ketone</td>
<td></td>
<td></td>
<td>4HR</td>
<td>Not Available</td>
</tr>
<tr>
<td>67924-34-9</td>
<td>Epoxy Polymer</td>
<td></td>
<td></td>
<td>4HR</td>
<td>Not Available</td>
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<tr>
<td>Proprietary</td>
<td>Phenol blocked TDI Polymer</td>
<td></td>
<td></td>
<td>4HR</td>
<td>Not Available</td>
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<tr>
<td>14807-96-6</td>
<td>Talc</td>
<td></td>
<td></td>
<td>4HR</td>
<td>Not Available</td>
</tr>
<tr>
<td>12001-26-2</td>
<td>Mica</td>
<td></td>
<td></td>
<td>4HR</td>
<td>Not Available</td>
</tr>
<tr>
<td>1333-86-4</td>
<td>Carbon Black</td>
<td></td>
<td></td>
<td>4HR</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

ECOTOXICOLOGICAL INFORMATION
No data 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.

US Ground (DOT)
May be Classed as a Combustible Liquid for U.S. Ground.
UN1263, PAINT, 3, PG III, (ERG#128)

DOT (Dept of Transportation) Hazardous Substances & Reportable Quantities
Xylenes (isomers and mixture) 100 lb RO

Bulk Containers may be Shipped as (check reportable quantities):
RQ, UN1263, PAINT, 3, PG III, (XYLENES (ISOMERS AND MIXTURE)), (ERG#128)

Canada (TDG)
May be Classed as a Combustible Liquid for Canadian Ground.
UN1263, PAINT, CLASS 3, PG III, (ERG#128)

IMO
5 Liters (1.3 Gallons) and Less may be Shipped as Limited Quantity.
UN1263, PAINT, CLASS 3, PG III, (46 C c.c.), EmS F-E, S-E, ADR (D/E)

IATA/ICAO
UN1263, PAINT, 3, PG III
SECTION 15 — REGULATORY INFORMATION

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>CHEMICAL/COMPOUND</th>
<th>% by WT</th>
<th>% Element</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-41-4</td>
<td>Ethylbenzene</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>1330-20-7</td>
<td>Xylene</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>71-36-3</td>
<td>1-Butanol</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

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.

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.