### Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NUMBER**
B65S14

**HMIS CODES**
- Health: 3*
- Flammability: 2
- Reactivity: 1

**PRODUCT NAME**
COROTHANE* I - Aliphatic Finish Coat, MIO/Aluminum

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

**DATE OF PREPARATION**
23-OCT-06

**EMERGENCY TELEPHONE NO.**
(216) 566-2917

**INFORMATION TELEPHONE NO.**
(216) 566-2902

### Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>% by WT</th>
<th>CAS No.</th>
<th>INGREDIENT</th>
<th>UNITS</th>
<th>VAPOR PRESSURE</th>
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<td>Mineral Spirits</td>
<td>ACGIH TLV 100 ppm</td>
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<tr>
<td></td>
<td></td>
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<td>OSHA PEL 100 ppm</td>
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<td>OSHA PEL 125 ppm STEL</td>
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<td>OSHA PEL 25 ppm</td>
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<td>1,2,4-Trimethylbenzene</td>
<td>ACGIH TLV 25 ppm</td>
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<td>OSHA PEL 25 ppm</td>
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<td>ACGIH TLV 15 ppm STEL</td>
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<td>OSHA PEL 10 ppm</td>
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<td>OSHA PEL 15 ppm STEL</td>
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<td>1</td>
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<td>Methyl n-Amyl Ketone</td>
<td>ACGIH TLV 50 ppm</td>
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<td>OSHA PEL 100 ppm</td>
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Continued on page 2
3 101-68-8 4, 4’-Diphenylmethane Diisocyanate  
ACGIH TLV 0.005 ppm  
OSHA PEL 0.02 ppm CEILING

3 26447-40-5 Diphenylmethane Diisocyanate  
ACGIH TLV Not Available  
OSHA PEL Not Available

20 9016-87-9 Diphenylmethane Diisocyanate Polymer  
ACGIH TLV Not Available  
OSHA PEL Not Available

14 Proprietary Toluene Diisocyanate Polymer  
ACGIH TLV Not Available  
OSHA PEL Not Available

9 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.

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.

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 respiratory and/or skin reaction in susceptible persons or sensitization. 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

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

Continued on page 3
Section 5 -- FIRE FIGHTING MEASURES

FLASH POINT                        LEL      UEL  
105 F PMCC                      0.7      7.9

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.
All personnel in the area should be protected as in Section 8.
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

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.

Continued on page 4
Section 8 −− EXPOSURE CONTROLS/PERSONAL PROTECTION

PRECAUTIONS TO BE TAKEN IN USE
NO PERSON SHOULD USE THIS PRODUCT, OR BE IN THE AREA WHERE IT IS BEING USED, IF THEY HAVE CHRONIC (LONG-TERM) LUNG OR BREATHING PROBLEMS OR IF THEY EVER HAD A REACTION TO ISOCYANATES.

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
Where overspray is present, a positive pressure air supplied respirator (TC19C NIOSH/MSHA approved) should be worn. If unavailable, a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2 may be effective. Follow respirator manufacturer’s directions for use. Wear the respirator for the whole time of spraying and until all vapors and mists are gone. NO PERSONS SHOULD BE ALLOWED IN THE AREA WHERE THIS PRODUCT IS BEING USED UNLESS EQUIPPED WITH THE SAME RESPIRATOR PROTECTION RECOMMENDED FOR THE PAINTERS.

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 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 barrier cream on exposed skin.

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

Section 9 −− PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT WEIGHT 10.54 lb/gal 1263 g/l
SPECIFIC GRAVITY 1.27
BOILING POINT 281 – 415 F 138 – 212 C
MELTING POINT Not Available
VOLATILE VOLUME 34 %
EVAPORATION RATE Slower than ether
VAPOR DENSITY Heavier than air
SOLUBILITY IN WATER N.A.

Continued on page 5
VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged)
2.45 lb/gal   294 g/l    Less Water and Federally Exempt Solvents
2.45 lb/gal   294 g/l    Emitted VOC

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Section 10 -- STABILITY AND REACTIVITY

STABILITY -- Stable
CONDITIONS TO AVOID
    None known.
INCOMPATIBILITY
    Contamination with Water, Alcohols, Amines and other compounds which
    react with isocyanates, may result in dangerous pressure in, and possible
    bursting of, closed containers.
HAZARDOUS DECOMPOSITION PRODUCTS
    By fire: Carbon Dioxide, Carbon Monoxide, Oxides of Nitrogen,
    possibility of Hydrogen Cyanide
HAZARDOUS POLYMERIZATION
    Will not occur

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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.
    Prolonged overexposure to solvent ingredients in Section 2 may cause
    adverse effects to the liver, urinary and reproductive systems.
    Persons sensitive to isocyanates will experience increased allergic
    reaction on repeated exposure.
    Reports have associated repeated and prolonged overexposure to solvents
    with permanent brain and nervous system damage.

TOXICOLOGY DATA

Continued on page 6
<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
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<th>LD50</th>
<th>RAT</th>
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<td>108−67−8</td>
<td>1,3,5−Trimethylbenzene</td>
<td>LC50</td>
<td>RAT</td>
<td>4HR</td>
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<td>LD50</td>
<td>RAT</td>
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<td>LD50</td>
<td>RAT</td>
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**Section 12 -- ECOLOGICAL INFORMATION**

**ECOTOXICOLOGICAL INFORMATION**

No data available.

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Continued on page 7
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

No data available.

Section 15 -- REGULATORY INFORMATION

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

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<th>CHEMICAL/COMPOUND</th>
<th>% by WT</th>
<th>% Element</th>
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<td>100-41-4</td>
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<td>Xylene</td>
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<td>95-63-6</td>
<td>1,2,4-Trimethylbenzene</td>
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<td>91-20-3</td>
<td>Naphthalene</td>
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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.