SAFETY DATA SHEET
F63WP3409
01 00

DATE OF PREPARATION
Jan 15, 2014

SECTION 1. IDENTIFICATION OF THE PREPARATION AND COMPANY

1.1. PRODUCT IDENTIFIER

F63WP3409
PLUSCOTE PU POLANE SNOW WHITE SP 1436 AP2333F63

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

Paint or Paint-related Material

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

<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>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. HAZARDS IDENTIFICATION

2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Danger

Flammable liquid and vapour.
May cause drowsiness or dizziness.
May cause genetic defects.
May cause cancer.

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.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Use personal protective equipment as required.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Use only outdoors or in a well-ventilated area.

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 exposed or concerned: Get medical advice/attention.
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.

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

<table>
<thead>
<tr>
<th>% by Weight</th>
<th>CAS Number</th>
<th>EC Number</th>
<th>REACH</th>
<th>EC CLASSIFICATION (67/548/EC, 1272/2008/EC)</th>
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<tbody>
<tr>
<td>0,1 - 1</td>
<td>71-43-2</td>
<td>200-753-7</td>
<td></td>
<td>F;R11 Xi;R36/38 Carc.Cat.1;R45 Muta.Cat.2;R46</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>T;R48/23/24/25 Xn;R65</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Asp. Tox. 1 H304, Carc. 1A H350, Eye Irrit. 2 H319, Flam. Liq. 2 H225, Muta. 1B H340, STOT RE 1 H372, Skin Irrit. 2 H315</td>
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<tr>
<td>1 - 2,5</td>
<td>1330-20-7</td>
<td>215-535-7</td>
<td>01-2119488216-32</td>
<td>R10 Xn;R20/21 Xi;R38</td>
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<tr>
<td>Xylene</td>
<td></td>
<td></td>
<td></td>
<td>Acute Tox. Dermal 4 H312, Acute Tox. Inhal 4 H332, Flam. Liq. 3 H226, Skin Irrit. 2 H315</td>
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<td>2,5 - 10</td>
<td>108-10-1</td>
<td>203-550-1</td>
<td>01-2119473980-30</td>
<td>F;R11 Xn;R20 Xl;R36/37 R66</td>
</tr>
<tr>
<td>Methyl Isobutyl Ketone</td>
<td></td>
<td></td>
<td></td>
<td>Acute Tox. Inhal 4 H332, Eye Irrit. 2 H319, Flam. Liq. 2 H225, STOT SE 3 H335</td>
</tr>
<tr>
<td>25 - 50</td>
<td>123-86-4</td>
<td>204-658-1</td>
<td>01-2119485493-29</td>
<td>R10 R66 R67</td>
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<tr>
<td>n-Butyl Acetate</td>
<td></td>
<td></td>
<td></td>
<td>Flam. Liq. 3 H226, STOT SE 3 H336</td>
</tr>
<tr>
<td>1 - 2,5</td>
<td>108-65-6</td>
<td>203-603-9</td>
<td>01-2119475794-29</td>
<td>R10</td>
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<tr>
<td>1-Methoxy-2-Propanol Acetate</td>
<td></td>
<td></td>
<td></td>
<td>Flam. Liq. 3 H226</td>
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<tr>
<td>2,5 - 10</td>
<td>112926-00-8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amorphous Precipitated Silica</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>25 - 50</td>
<td>13463-67-7</td>
<td>01-2119489379-17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Titanium Dioxide</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.
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

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Ingredient</th>
<th>STEL</th>
<th>TWA</th>
<th>STEL</th>
<th>TWA</th>
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<tr>
<td></td>
<td></td>
<td>PPM</td>
<td>MG/M3</td>
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<tr>
<td>1330-20-7</td>
<td>Xylene</td>
<td>EU</td>
<td>100</td>
<td>442</td>
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<td>108-10-1</td>
<td>Methyl Isobutyl Ketone</td>
<td>EU</td>
<td>50</td>
<td>208</td>
<td>20</td>
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<tr>
<td>108-65-6</td>
<td>1-Methoxy-2-Propanol Acetate</td>
<td>EU</td>
<td>100</td>
<td>550</td>
<td>50</td>
</tr>
</tbody>
</table>

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
   None
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

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Odour</td>
<td>Paint</td>
</tr>
<tr>
<td>Product Weight</td>
<td>1267 g/l 10.58 lb/gal</td>
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<tr>
<td>Specific Gravity</td>
<td>1.27</td>
</tr>
<tr>
<td>Flash Point</td>
<td>26 °C 78 °F</td>
</tr>
<tr>
<td>Lower Explosion Limit (LEL)</td>
<td>Not Available</td>
</tr>
<tr>
<td>Upper Explosion Limit (UEL)</td>
<td>Not Available</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>113 - 150 °C 237 - 302 °F</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not Available</td>
</tr>
<tr>
<td>Volatile Volume</td>
<td>56%</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Slower than ether</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Heavier than air</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Not Available</td>
</tr>
<tr>
<td>Volatile Organic Compounds (VOC Theoretical - As Packaged)</td>
<td>4.10 lb/gal 491 g/l Less Water</td>
</tr>
<tr>
<td></td>
<td>4.10 lb/gal 491 g/l Emitted VOC</td>
</tr>
</tbody>
</table>

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): 38.79 %
Total volatile organic carbon: 24.82 %

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.
R36/37 Irritating to eyes and respiratory system.
R36/38 Irritating to eyes and skin.
R38 Irritating to skin.
R45 May cause cancer.
R46 May cause heritable genetic damage.
R48/23/24/25 Toxic; danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H340 May cause genetic defects.
H350 May cause cancer.
H372 Causes damage to organs through prolonged or repeated exposure.

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.
1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Chemical nature of the preparation: 3920S DEGREASER

Supplier: DuPont Australia Ltd ACN 000 716 469

Emergency telephone number: Transport Tel. 02 9963 1301
Medical Tel. 1800 674 415

168 Walker Street
North Sydney NSW 2060
Tel. 02 9923 6111

DuPont (New Zealand) Ltd
98 Kerrs Road
Wiri, Manukau City
AUCKLAND, NEW ZEALAND
Tel. (09) 268 5500

2. COMPOSITION/INFORMATION ON INGREDIENTS:

Chemical nature of the preparation: mixture of organic solvents

Hazardous components: 

<table>
<thead>
<tr>
<th>Chemical</th>
<th>CAS-No</th>
<th>Weight %</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>petroleum naphtha</td>
<td>64742-49-0</td>
<td>30-60</td>
<td>Xn; R65</td>
</tr>
<tr>
<td>toluene</td>
<td>108-88-3</td>
<td>5-10</td>
<td>Xn; R20</td>
</tr>
<tr>
<td>white spirit</td>
<td>64742-82-1</td>
<td>30-60</td>
<td>Xn; R 65-66-67</td>
</tr>
</tbody>
</table>

R20 - Harmful by inhalation.
R65 - Harmful: may cause lung damage if swallowed.
R66 - Repeated exposure may cause skin dryness or cracking.
R67 - Vapours may cause drowsiness and dizziness.

3. HAZARDS IDENTIFICATION

HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA.
SUSDP: S5

Most important hazards: Highly flammable.
Irritating to skin.
Harmful: may cause lung damage if swallowed.
Vapours may cause drowsiness and dizziness.

Specific hazards: None known

4. FIRST AID MEASURES:

Inhalation: Move to fresh air. Oxygen or artificial respiration if needed. Consult a physician after significant exposure.

Skin contact: Wash off immediately with soap and plenty of water.

Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Keep eye wide open while rinsing.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth, ingest activated charcoal. Call a physician immediately.

5. FIRE-FIGHTING MEASURES:

Suitable extinguishing media: Use dry chemical, CO2, water spray or "alcohol" foam.

Extinguishing media which must not be used for safety reasons: high volume water jet

Fire will produce dense black smoke containing hazardous combustion products (see heading 10). In the event of fire, wear self-contained breathing apparatus. In the event of fire, cool tanks with water spray.
6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Ensure adequate ventilation. Wear personal protective equipment. Remove all sources of ignition.

Environmental precautions: Do not let product enter drains.

Methods for cleaning up: Soak up with inert absorbent material. Clean with detergents. Avoid solvents.

7. HANDLING AND STORAGE:

Handling: Technical measures/Precautions: Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard.

Safe handling advice: Do not smoke. Preparation may charge electrostatically: always use earthing leads when transferring from one container to another.

Storage: Technical measures/Storage conditions: Keep away from heat and sources of ignition. Keep containers tightly closed in a cool, well-ventilated place. Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

Incompatible products: Not applicable

Packaging material: Not applicable

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Personal protective equipment: Respiratory protection: When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. When operators, whether spraying or not, have to work inside the spraybooth, ventilation is unlikely to be sufficient to control particulates and solvent vapour in all cases. In such circumstances they should wear a compressed airfed respirator during the spraying process and until such time as the particulates and solvent vapour concentration has fallen below the exposure limits.

Eye protection: safety glasses

Hand protection: solvent-resistant gloves

Hygiene measures: Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and at the end of workday.

Exposure controls:
National occupational exposure limits

Worksafe TWA: None established for the formulated product.

petroleum naptha: -

- toluene: Worksafe TWA = 100 ppm = 377 mg/m3, STEL = 150 ppm = 565 mg/m3; (1995)
- white spirit: Worksafe TWA = 790 mg/m3; (chapter 16); (1995)
9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
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<td>Colour</td>
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</tr>
<tr>
<td>Odour</td>
<td>solvent</td>
</tr>
<tr>
<td>pH (°C)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flash point</td>
<td>14 °C</td>
</tr>
<tr>
<td>Flash point (°C)</td>
<td>&gt; 200 °C</td>
</tr>
<tr>
<td>Relative density (°C)</td>
<td>from 0,76 kg/l to 0,80 kg/l</td>
</tr>
<tr>
<td>Solubility</td>
<td>immiscible g/l</td>
</tr>
<tr>
<td>Viscosity (°C)</td>
<td>Not applicable s</td>
</tr>
</tbody>
</table>

9. STABILITY AND REACTIVITY:

Conditions to avoid: No decomposition if stored and applied as directed.

Hazardous decomposition products: In the event of fire carbon monoxide carbon dioxide nitrogen oxides smoke may be formed.

11. TOXICOLOGICAL INFORMATION

Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effect, such as mucous membrane and respiratory system irritation and adverse effect on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Acute toxicity: No data is available on the product itself.

Local effects: Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin. The liquid splashed in the eyes may cause irritation and reversible damage.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects: No data is available on the product itself.

13. DISPOSAL CONSIDERATIONS

Waste from residues: Classified as hazardous waste. Dispose of as special waste in compliance with applicable regulations. Prevent product from entering drains.

Contaminated packaging: Classified as hazardous waste. Dispose of as special waste in compliance with applicable regulations. Fully drained containers which are drop- and scrape-free can be treated as industrial waste, and can possibly be recycled.
14. TRANSPORT INFORMATION

ADR/RID

EPG 3C1

Haz Chem 3[Y] E

Class: 3 Item: 5(b) Hazard labels: 3

TREM-CARD: 30G80 HI/UN No:

Proper shipping name: Paint related material

ICAO

UN/ID No.: 1263 Class: 3 Subrisks:

Packing group: II Hazard labels: Flammable liquid

Proper shipping name: Paint related material

IMO

Class: 3.2 IMDG Page: 3268 Subrisks:

Packing group: II Hazard labels: Flammable liquid, Marine pollutant

EmS: 3-05 MFAG: 310

Proper shipping name: Paint related material, Marine pollutant

15. REGULATORY INFORMATION

The product is classified and labelled in accordance with Worksafe Australia Hazardous Substances Regulations.

Symbol(s): Xn - Harmful, F - Highly flammable
Contents: aliphatic hydrocarbons >60%
R-phrase(s): R11 - Highly flammable.
R38 - Irritating to skin.
R65 - Harmful: may cause lung damage if swallowed.
R67 - Vapours may cause drowsiness and dizziness.
S-phrase(s): S23 - Do not breathe vapour spray.
S38 - In case of insufficient ventilation, wear suitable respiratory equipment.
S16 - Keep away from sources of ignition - No smoking.
Containers above 5 liters: S33 - Take precautionary measures against static discharges.

16. OTHER INFORMATION

When used in a mixture, read the labels and safety data sheets of all components.

Recommended use: Cleaning agent

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

1.1 Identification of the substance/preparation
Product name
HARDENER 0071019 (55877)

Product code
007 1019

1.2 Use of the Substance/Preparation
1.2.1 Expressed in writing
Painting work
Description: A two component waterborne epoxy primer, hardener.

1.2.2 Standard industrial classification

1.2.3 Code for the purpose of use

1.3 Company/Undertaking Identification
1.3.1 Manufacturer, importer, supplier
Tikkurila Coatings Oy

1.3.2 Contact information
Post-office box	P.O. Box 53
Postal code and post office	FIN-01301 VANTAA, FINLAND
Telephone	+358 9 857 741
Telefax	+358 9 8577 6911
Business ID	1069487-8
Trade Reg. No.	693.148

1.4 Emergency telephone number
1.4.1 Telephone number, name and address
Tikkurila Oy, Environment and Safety: +358 9 857 721

2. COMPOSITION/INFORMATION ON INGREDIENTS

2.1 Hazardous components
2.1.1 CAS number or other code
- 67-63-0

2.1.2 Chemical name of the substance
Epoxy resin (mw > 1000)
Isopropanol

2.1.3 Concentration
> 50 %
1 - 5 %

2.1.4 Warning symbol, R phrases and other information
F, Xi; R11-36-67
200 ppm (TLV-TWA)

2.1.7 Further information
TLV = Threshold Limit Values / ACGIH 2004

3. HAZARDS IDENTIFICATION

The product is not classified as dangerous.

4. FIRST AID MEASURES

4.1 Additional advice
In all cases of doubt, or when symptoms persist, seek medical attention.

4.2 Inhalation
---

4.3 Skin contact
Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognized skin cleanser.

4.4 Eye contact
Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

4.5 Ingestion
If accidentally swallowed, drink water or milk. Obtain medical attention, when necessary.

5. **FIRE-FIGHTING MEASURES**

5.1 Suitable extinguishing media
Use foam, CO2, powder or water spray.

5.2 Extinguishing media which must not be used for safety reasons
---

5.3 Special exposure hazards in a fire
Fire will produce dense black smoke, which contains decomposition products. Avoid breathing the smoke.

6. **ACCIDENTAL RELEASE MEASURES**

6.1 Personal precautions
Avoid skin contact with the product.

6.2 Environmental precautions
Do not allow to enter drains or water courses.

6.3 Methods for cleaning up
Contain and collect spillage with absorbent materials, e.g. sand or vermiculite and place in a container for disposal according to local regulations. Clean with a detergent and water.

7. **HANDLING AND STORAGE**

7.1 Handling
Avoid skin and eye contact.

7.2 Storage
Keep containers tightly closed. Store in a cool, dry, well ventilated place away from sources of heat and direct sunlight.

8. **EXPOSURE CONTROLS / PERSONAL PROTECTION**

8.2 Exposure controls
8.2.1 Occupational exposure controls
Provide adequate ventilation. Comply with the health and safety at work laws.

8.2.1.1 Respiratory protection
Use appropriate certified respirators, with gas and vapour filter A, during sanding with dust filter P2, if ventilation is insufficient. During spray-application use respirators with gas, vapour and dust filter AP.

8.2.1.2 Hand protection
Always wear protective gloves (e.g. nitrile rubber). Barrier creams may also help to protect the exposed areas of the skin.

8.2.1.3 Eye protection
Safety eyewear must be used during spray-application.

8.2.1.4 Skin and body protection
Protective clothing must be used during spray-application.

9. **PHYSICAL AND CHEMICAL PROPERTIES**

9.1 General Information (appearance, odour)
Viscous liquid, strong odour

9.2 Important Health Safety and Environmental Information

9.2.2 Boiling point/range
-
9.2.3 Flash point -
9.2.5 Explosive properties
9.2.5.1 Lower explosion limit -
9.2.5.2 Upper explosion limit -
9.2.7 Vapour pressure -
9.2.8 Relative density 1.09
9.2.9 Solubility
9.2.9.1 Water solubility Miscible

10. STABILITY AND REACTIVITY
10.1 Conditions to avoid ---
10.2 Materials to avoid
Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
10.3 Hazardous decomposition products
Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

11. TOXICOLOGICAL INFORMATION
11.1 Acute toxicity ---
11.2 Irritation and corrosion ---
11.3 Sensitisation ---
11.5 Human experience
11.5.1 Inhalation: Spray mist may cause irritation of mucous membranes of nose and throat and respiratory system.
11.5.2 Skin contact: Spray mist and splashes may cause skin and eye irritation.
11.5.3 Other effects: Harmful if taken internally.

12. ECOLOGICAL INFORMATION
12.5 Other adverse effects
There is no data available on the preparation itself. The product should not be allowed to enter drains or water courses.

13. DISPOSAL CONSIDERATIONS
13.1 Product residues: Gather residues into waste containers. Destroy according to the rules given by local authorities. EWC-code for liquid waste is e.g 08 01 11 (waste paint and varnish containing organic solvents or other dangerous substances).
13.2 Packaging: Empty cans should be recycled or disposed of in accordance with local regulations.

14. TRANSPORT INFORMATION
14.1 UN-No -
14.2 Packing group -
14.3 Land transport
14.3.1 ADR/RID not classified
14.4 Sea transport
15. REGULATORY INFORMATION

15.1 Information on the warning label
15.1.1 Letter code of the warning symbol and indications of danger for the preparation
- 
15.1.2 Names of the ingredients given on the warning label
- 
15.1.3 R-phrase(s)
- 
15.1.4 S-phrase(s)
- 
15.1.5 Special regulations on certain preparations
Safety data sheet available for professional user on request.

16. OTHER INFORMATION

16.1 Text of R phrases mentioned in Section 2
R11 Highly flammable.
R36 Irritating to eyes.
R67 Vapours may cause drowsiness and dizziness.

16.4 Further Information
The information of this MSDS is based on the present state of our knowledge and on current EC laws. It is meant as a description of the safety requirements of our product: it is not to be considered as a guarantee of the products' properties.
Additional information available from:
Tikkurila Services Oy, Product Safety,
P.O. Box 53, FIN-01301 VANTAA, FINLAND, Telephone +358 9 857 721, Fax +358 9 8577 6936

Date
Signature  gf/ome
SAFETY DATA SHEET
F63AP0384
02 00
DATE OF PREPARATION
Dec 24, 2013

SECTION 1. IDENTIFICATION OF THE PREPARATION AND COMPANY

1.1. PRODUCT IDENTIFIER

F63AP0384
POLANE T GRAY AP1243F63

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

Paint or Paint-related Material

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

<table>
<thead>
<tr>
<th>Regulatory Information</th>
<th>(216) 566-2902</th>
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</thead>
<tbody>
<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. HAZARDS IDENTIFICATION

2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Danger

Highly flammable liquid and vapour.
May cause drowsiness or dizziness.

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 breathing dust/fume/gas/mist/vapours/spray.
Use only outdoors or in a well-ventilated area.

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 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.

Storage Safety:
Store in a well ventilated place. Keep cool.
Store in a well ventilated place. Keep container tightly closed.
Store locked up.
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

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<th>% by Weight</th>
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<td></td>
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<td>215-535-7</td>
<td>01-2119488216-32</td>
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<td>01-2119457290-43</td>
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<td>203-631-1</td>
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<td>123-66-4</td>
<td>204-658-1</td>
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<td>n-Butyl Acetate</td>
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<td>Talc</td>
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</table>

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. 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

<table>
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<tr>
<th>CAS Number</th>
<th>Ingredient</th>
<th>STEL</th>
<th>TWA</th>
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<td></td>
<td></td>
<td>PPM</td>
<td>MG/M3</td>
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<td>1330-20-7</td>
<td>Xylene</td>
<td>EU 100</td>
<td>442</td>
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<td>Possibility of significant uptake through the skin</td>
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<td>78-93-3</td>
<td>Methyl Ethyl Ketone</td>
<td>EU 300</td>
<td>900</td>
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<td>108-94-1</td>
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<td>EU 20</td>
<td>81.6</td>
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<tr>
<td></td>
<td></td>
<td>Possibility of significant uptake through the skin</td>
<td></td>
</tr>
</tbody>
</table>

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
None
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

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<th>Property</th>
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<tr>
<td>Appearance</td>
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<tr>
<td>Odour</td>
<td>Paint</td>
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<tr>
<td>Product Weight</td>
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<tr>
<td>Specific Gravity</td>
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<tr>
<td>Flash Point</td>
<td>6 °C, 42 °F</td>
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<tr>
<td>Lower Explosion Limit (LEL)</td>
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<tr>
<td>Upper Explosion Limit (UEL)</td>
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<tr>
<td>Boiling Point</td>
<td>78 - 160 °C, 174 - 320 °F</td>
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<td>Melting Point</td>
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<td>Volatile Volume</td>
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<tr>
<td>Evaporation Rate</td>
<td>Slower than ether</td>
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<td>Vapor Density</td>
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<td>Solubility in Water</td>
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<td>(VOC Theoretical - As Packaged)</td>
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<tr>
<td>Emitted VOC</td>
<td>Less Water, 4.75 lb/gal, 569 g/l</td>
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</table>

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
Methyl Ethyl Ketone may increase the nervous system effects of other solvents.
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.”
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.

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  
5 Liters (1.3 Gallons) and Less may be Shipped as Limited Quantity. UN1263, PAINT, CLASS 3, PG II, (6 C c.c.), EmS F-E, S-E

IATA/ICAO  
UN1263, PAINT, 3, PG II

ADR/RID  
UN1263, PAINT, 3, PG II  
Classification Code=F1, TransportCategory=2, Tunnel Code=D/E

SECTION 15. REGULATORY INFORMATION

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE  
Total volatile organic compounds (VOC): 40.52 %  
Total volatile organic carbon: 29.17 %

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.  
R35 Irritating to eyes.  
R38 Irritating to skin.  
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
R63 Possible risk of harm to the unborn child.  
R65 Harmful: may cause lung damage if swallowed.  
R66 Repeated exposure may cause skin dryness or cracking.  
R67 Vapours may cause drowsiness and dizziness.

H225 Highly flammable liquid and vapour.  
H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H322 Harmful if inhaled.  
H336 May cause drowsiness or dizziness.  
H361d Suspected of damaging the unborn child.  
H373 May cause damage to organs through prolonged or repeated exposure.

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.
SAFETY DATA SHEET

DATE OF PREPARATION
Sep 16, 2011

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

1.1. PRODUCT IDENTIFIER
R07K84
SOLVENT POLANE REDUCER

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

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

| Regulatory Information | (216) 566-2902 |
| Medical Emergency     | (216) 566-2917 |
| Transportation Emergency* | (800) 424-9300 |

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

2. HAZARDS IDENTIFICATION

2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE
F, Xn, R11, R36, R48/20, R63, R65, R67
Harmful
Highly flammable
Irritating to eyes.
Harmful: danger of serious damage to health by prolonged exposure through inhalation.
Possible risk of harm to the unborn child.
Harmful: may cause lung damage if swallowed.
Vapours may cause drowsiness and dizziness.

2.2. LABEL ELEMENTS

R – PHRASES

R11    Highly flammable.
R36    Irritating to eyes.
R48/20  Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R63    Possible risk of harm to the unborn child.
R65    Harmful: may cause lung damage if swallowed.
R67    Vapours may cause drowsiness and dizziness.
2.3. OTHER HAZARDS
Not Available

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. SUBSTANCES
Not Available

3.2. MIXTURES

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<thead>
<tr>
<th>% by Weight</th>
<th>CAS Number</th>
<th>EC Number</th>
<th>EC CLASSIFICATION (67/548/EC, 1272/2008/EC)</th>
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<td>10 - 25</td>
<td>108-88-3</td>
<td>203-625-9</td>
<td>F:R11 Xi;R38 Xn;R48/20 R65 Repr.Cat.3;R63 R67</td>
</tr>
<tr>
<td>25 - 50</td>
<td>108-21-4</td>
<td>203-561-1</td>
<td>F:R11 Xi;R36 R66 R67</td>
</tr>
<tr>
<td>25 - 50</td>
<td>123-86-4</td>
<td>204-658-1</td>
<td>R10 R66 R67</td>
</tr>
<tr>
<td></td>
<td>n-Butyl Acetate</td>
<td></td>
<td>Flam. Liq. 3, STOT SE 3, H226, H336</td>
</tr>
</tbody>
</table>

CANCER INFORMATION
For complete discussion of toxicology data refer to Section 11.

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.

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

5. FIRE-FIGHTING MEASURES

FLAMMABILITY CLASSIFICATION
RED LABEL -- Flammable, Flash below 38 °C (100 °F)

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.

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.

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. CONTROL PARAMETERS

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Ingredient</th>
<th>STEL</th>
<th>TWA</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>PPM</td>
<td>MG/M3</td>
</tr>
<tr>
<td>108-88-3</td>
<td>Toluene</td>
<td>ES 100</td>
<td>384</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FR 100</td>
<td>384</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GB 100</td>
<td>384</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PL 200</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PT 50</td>
<td></td>
</tr>
</tbody>
</table>

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.
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
   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.
D) THERMAL HAZARDS
   Not Available

8.2.3. ENVIRONMENTAL EXPOSURE CONTROLS
Not Available
9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE
Liquid

ODOR
Reducer

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT WEIGHT</td>
<td>868 g/l 7.25 lb/gal</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>0.87</td>
</tr>
<tr>
<td>FLASH POINT</td>
<td>2 °C 35 °F</td>
</tr>
<tr>
<td>LOWER EXPLOSION LIMIT (LEL)</td>
<td>1.0 %</td>
</tr>
<tr>
<td>UPPER EXPLOSION LIMIT (UEL)</td>
<td>7.6 %</td>
</tr>
<tr>
<td>BOILING POINT</td>
<td>85 - 128 °C 185 - 264 °F</td>
</tr>
<tr>
<td>MELTING POINT</td>
<td>Not Available</td>
</tr>
<tr>
<td>VOLATILE VOLUME</td>
<td>100%</td>
</tr>
<tr>
<td>EVAPORATION RATE</td>
<td>Slower than ether</td>
</tr>
<tr>
<td>VAPOR DENSITY</td>
<td>Heavier than air</td>
</tr>
<tr>
<td>SOLUBILITY IN WATER</td>
<td>N.A.</td>
</tr>
</tbody>
</table>

9.2. OTHER INFORMATION
Not Available

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

11. TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS
No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.
Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

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

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.
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
5 Liters (1.3 Gallons) and Less may be Shipped as Limited Quantity.
UN1263, PAINT RELATED MATERIAL, CLASS 3, PG II, (2 C c.c.), EmS F-E, S-E, ADR (D/E)

IATA/ICAO
UN1263, PAINT RELATED MATERIAL, 3, PG II

ADR/RID
UN1263, PAINT RELATED MATERIAL, 3, PG II, ADR (D/E)
Classification Code=F1, TransportCategory=2, Tunnel Code=D/E

15. REGULATORY INFORMATION

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

Total volatile organic compounds (VOC): 100.00 %
Total volatile organic carbon: 66.58 %

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

<table>
<thead>
<tr>
<th>Classification</th>
<th>%</th>
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<tbody>
<tr>
<td>4</td>
<td>64.1</td>
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</tbody>
</table>

15.2. CHEMICAL SAFETY ASSESSMENT

Not Available

16. OTHER INFORMATION

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

R10 Flammable.
R11 Highly flammable.
R36 Irritating to eyes.
R38 Irritating to skin.
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R63 Possible risk of harm to the unborn child.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H361d Suspected of damaging fertility or the unborn child.
H373 May cause damage to organs through prolonged or repeated exposure.

This Safety Data Sheet is prepared in accordance with Regulation (EC) No 1907/2006, Annex II.

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.