SAFETY DATA SHEET

Product Name: PARALON 2, BLACK VOC COMPLIANT
Product Code: 297

SECTION 1: IDENTIFICATION

Product Name: PARALON 2, BLACK VOC COMPLIANT
Product Code #: 297
Identified Uses: Protective Coating
Manufacturer: Kelley Technical Coatings
1445 South 15th Street
P.O. Box 3726
Louisville, Kentucky 40201-3726
Emergency Contact Number: Day: 502-636-2561 Night: 800-424-9300
Information Telephone Number: 502-636-2561

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification
GHS Label Elements
Hazard Symbols
![Hazard Symbols]
Signal Word: Danger
Hazard Statements
H226 Flammable liquid and vapor
H304 May be fatal if swallowed and enters airways
H315 Causes skin irritation
H319 Causes serious eye irritation
H332 Harmful if inhaled
H351 Suspected of causing cancer
H336 May cause drowsiness or dizziness
Precautionary statements
Prevention
Response
Storage/ Disposal

Other Hazards
OSHA Regulatory Status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR1910.1200)

SECTION 3: COMPOSITION INFORMATION

Chemical Designation CAS No. % by Weight
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SECTION 4: FIRST AID MEASURES
General Advice: Show this safety data sheet to the doctor in attendance.
Eyes: Flush with plenty of cool water for at least 15 minutes, holding eyelids apart for thorough irrigation. If irritation persists, get immediate medical attention.
Skin: Wash affected area thoroughly with soap and water. If skin irritation persists, get immediate medical attention.
Inhalation: Move to fresh air. Restore breathing. If breathing is difficult, get immediate medical attention.
Ingestion: Do not induce vomiting – seek immediate medical attention.
Notes to Physician: Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES
Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Specific Hazards arising from the Chemical: Closed containers may rupture if exposed to fire or extreme heat.
Special protective Equipment: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES
Personal Precautions: Use personal protective equipment. Remove all sources of ignition.
Environmental Precautions: Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.
Methods for Clean-up: Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.
Other Information: None known.

SECTION 7: HANDLING & STORAGE
Handling: Use only in area provided with appropriate exhaust ventilation. Do not breathe vapors or spray mist. Wear appropriate personal protective equipment. Take precautionary measures against static discharges. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from open flames, hot surfaces and sources of ignition.
Storage: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat. Keep in properly labeled containers.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION
HMIS is a Health, Flammability and Reactivity rating: 2*21
HMIS CODE: 4 – SEVERE HAZARD, 3 – SERIOUS HAZARD, 2 – MODERATE HAZARD, 1 – SLIGHT HAZARD, 0 – MINIMAL HAZARD, * – Chronic Hazard
Note: The PPE rating has intentionally been left blank. Choose appropriate PPE that will protect employees from the hazards the material will present under the actual conditions of use.

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOC Exempt solvent</td>
<td>Trade Secret</td>
<td>10 - 20%</td>
</tr>
<tr>
<td>nepheline syenite</td>
<td>37244-96-5</td>
<td>10 - 20%</td>
</tr>
<tr>
<td>4-chlorobenotrifluoride</td>
<td>98-56-6</td>
<td>10 - 20%</td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>111-76-2</td>
<td>5 - 10%</td>
</tr>
<tr>
<td>light aromatic naphtha</td>
<td>64742-95-6</td>
<td>5 - 10%</td>
</tr>
<tr>
<td>1,2,4 trimethylbenzene</td>
<td>95-63-6</td>
<td>1 - 5%</td>
</tr>
<tr>
<td>naphtha, heavy aromatic</td>
<td>64742-94-5</td>
<td>1 - 5%</td>
</tr>
<tr>
<td>carbon black</td>
<td>1333-86-4</td>
<td>1 - 5%</td>
</tr>
<tr>
<td>naphthalene</td>
<td>91-20-3</td>
<td>0.1 - 1%</td>
</tr>
</tbody>
</table>
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VOC Exempt solvent 1000 ppm 500 ppm
nepheline syenite 5 ppm (R) NE
4-chlorobenotrifluoride NE NE
2-butoxyethanol 50 ppm 20 ppm
light aromatic naphtha NE NE
1,2,4 trimethylbenzene 25 ppm 25 ppm
naphtha, heavy aromatic NE NE
carbon black 3.5 mg/m3 3 mg/m3 (I)
naphthalene 10 ppm 5 ppm

NE = None established   NA = Not available   (C) = Ceiling limit   (I) = Inhalable fraction   (IFV) = Inhalable fraction and vapor   STEL = Short term exposure limit
(R) = Respirable fraction

Engineering Measures
Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eyes/Face: Safety goggles or full face shield
Skin: Protective gloves and impervious clothing.
Respiratory Protection: In operations where exposure limits are exceeded, use a NIOSH approved respirator that has been selected by a technically qualified person for the specific work conditions. When spraying the product or applying in confined areas, wear a NIOSH approved respirator specified for paint spray or organic vapors.

Hygiene Practices: Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling. When using do not eat, drink or smoke.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

Appearance: liquid
Odor: Solvent odor
Odor threshold: Not determined
VOC lb/gal 1.78 VOC (g/L) 213.16
VOC (lb/gal) less exempt 2.75 VOC (g/L) less exempt 329.60
Relative Density (LB/GAL): 9.47 Specific Gravity (g/L): 1.14
Flash Point (F): 110
Flammability: Not determined Upper/lower flammability limits: Not available
Auto-ignition temperature: Not determined Decomposition temperature: Not determined
Evaporation rate : Not available
Vapor Pressure (mmHg) : Not available Vapor Density : Not available
Initial Boiling Point (F): Not available Boiling Point Range (F): Not available
Freezing Point (F): Not determined Melting Point (F): Not determined
pH Not available Viscosity Not available
Solubility (ies): Not determined
Partition coefficient: n-octanol/water Not determined

SECTION 10 : STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions. Hazardous polymerization does not occur.
Conditions to Avoid: Keep away from open flames, hot surfaces, static electricity and sources of ignition.
Materials to Avoid: Incompatible with strong acids and bases and strong oxidizing agents.
Hazardous Decomposition Products: Thermal decomposition can lead to release of irritating gases and vapors.
Possibility of Hazardous Reactions: None under normal conditions of use.

SECTION 11 : TOXICOLOGICAL INFORMATION

Acute Toxicity

<table>
<thead>
<tr>
<th>Component</th>
<th>LD50 Oral mg/kg (Rat)</th>
<th>LD50 Dermal mg/kg (Rabbit)</th>
<th>LC50 Inhalation mg/L (Rat, 4 hr.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOC Exempt solvent</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>nepheline syenite</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>4-chlorobenotrifluoride</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>470</td>
<td>220</td>
<td>2.2</td>
</tr>
<tr>
<td>light aromatic naphtha</td>
<td>8,400</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>1,2,4 trimethylbenzene</td>
<td>5,000</td>
<td>18,000</td>
<td>NA</td>
</tr>
</tbody>
</table>
**SAFETY DATA SHEET**

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<table>
<thead>
<tr>
<th>Component</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>carbon black</td>
<td>2B – Possible Human Carcinogen</td>
<td>Not listed</td>
<td>Listed</td>
</tr>
<tr>
<td>naphthalene</td>
<td>2B – Possible Human Carcinogen</td>
<td>Probable Human Carcinogen</td>
<td>Listed</td>
</tr>
</tbody>
</table>

**Chronic Toxicity**

The information below indicates whether each agency has listed any ingredient as a carcinogen:

- **Component**
  - carbon black
  - naphthalene

- **IARC**
  - 2B – Possible Human Carcinogen

- **NTP**
  - Not listed

- **OSHA**
  - Listed

Per IARC Summary of Data Reported, Subsection 5.1: No significant exposure to carbon black is thought to occur during the use of products in which carbon black is bound to other materials, such as rubber, printing ink or paint.

**SECTION 12: ECOLOGICAL INFORMATION**

No ecological information available

**SECTION 13: DISPOSAL CONSIDERATION**

Waste Disposal Method Dispose of in accordance with federal, state, provincial, and local regulations. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

**SECTION 14: TRANSPORT INFORMATION**

Contact the manufacturer for shipping information.

**SECTION 15: REGULATORY INFORMATION**

**US TSCA:** Yes – All components are listed or exempt

**Federal Regulations**

**SARA 311/312 hazardous categorization**

- Acute Health Hazard: YES
- Chronic Health Hazard: YES
- Fire Hazard: NO
- Sudden Release of Pressure Hazard: NO
- Reactive Hazard: NO

**SARA 313**

Section 313 OF Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). If listed below, this product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

<table>
<thead>
<tr>
<th>Chemical Designation</th>
<th>Cas No.</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2,4 trimethylbenzene</td>
<td>95-63-6</td>
<td>&lt; 5%</td>
</tr>
</tbody>
</table>

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPS) (see 40 CFR 61)**

<table>
<thead>
<tr>
<th>Chemical Designation</th>
<th>Cas No.</th>
<th>Weight %</th>
</tr>
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<tbody>
<tr>
<td>naphthalene</td>
<td>91-20-3</td>
<td>0.1 - 1%</td>
</tr>
</tbody>
</table>

Any Target HAP listed in this section is not an OSHA Carcinogen unless listed as such in Section 11 under Chronic Toxicity.

**State Regulations**
SAFETY DATA SHEET

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Date issued: 5/27/2015

California Proposition 65
This product may contain small amounts of materials known to the state of California to cause cancer or reproductive harm.

SECTION 16: OTHER INFORMATION

Date issued: 5/27/2015     VER 06

The above Information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith. No warranty is implied with respect to the quality or the specification of the product and the user must satisfy himself that the product is entirely suitable for his purposes.