SECTION 1: Identification

1.1. Identification
Product form: Mixture
Product name: CALIBER LOW VOC PRIMER A (LT GREY)
Product code: FEA0061

1.2. Relevant identified uses of the substance or mixture and uses advised against
No additional information available

1.3. Details of the supplier of the safety data sheet
Endura Manufacturing Co. Ltd
12425 149 Street
Edmonton, T5L 2J6 - Canada
T 780-451-4242 - F 780-452-5079
info@endura.ca - www.endura.ca

1.4. Emergency telephone number
Emergency number: In the event of an emergency involving dangerous goods:
in Canada call CANUTEC at 613-996-6666 or *666 on a cellular phone.
in the US call CHEMTREC at 800-424-9300 (Account Name for US is Polyglass Coatings)

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture
GHS-US classification
Flam. Liq. 2 H225 - Highly flammable liquid and vapour
Skin Irrit. 2 H315 - Causes skin irritation
Skin Sens. 1 H317 - May cause an allergic skin reaction
Carc. 1A H350 - May cause cancer
Full text of H-phrases: see section 16

2.2. Label elements
GHS-US labeling
Hazard pictograms (GHS-US): 

GHS02
GHS07
GHS08

Signal word (GHS-US): Danger
Hazard statements (GHS-US): H225 - Highly flammable liquid and vapor
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H350 - May cause cancer
Precautionary statements (GHS-US): P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking
P233 - Keep container tightly closed
P240 - Ground/bond container and receiving equipment
P241 - Use explosion-proof electrical/ventilating/lighting equipment
P242 - Use only non-sparking tools
P243 - Take precautionary measures against static discharge
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P264 - Wash thoroughly after handling
P272 - Contaminated work clothing must not be allowed out of the workplace
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P302+P352 - IF ON SKIN: Wash with plenty of soap and water
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse
skin with water/shower
P308+P313 - If exposed or concerned: Get medical advice/attention
P321 - Specific treatment (see 4.1. First aid procedures on this label)
P332+P313 - If skin irritation occurs: Get medical advice/attention
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention
CALIBER LOW VOC PRIMER A (LT GREY)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>quartz, conc respirable crystalline silica&gt;=10%</td>
<td>(CAS No) 14808-60-7</td>
<td>10 - 20</td>
<td>Carc. 1A, H350</td>
</tr>
<tr>
<td>titanium(IV) oxide</td>
<td>(CAS No) 13463-67-7</td>
<td>10 - 20</td>
<td>Carc. 2, H351</td>
</tr>
<tr>
<td>xylene, mixture of isomers</td>
<td>(CAS No) 1330-20-7</td>
<td>8.125</td>
<td>Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315</td>
</tr>
<tr>
<td>epoxy resins, liquids, MM&lt;=700</td>
<td>(CAS No) 25068-38-6</td>
<td>5 - 10</td>
<td>Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411</td>
</tr>
</tbody>
</table>

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Rinse skin with water/shower. Remove/Take off all contaminated clothing immediately. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact : Rinse eyes with water as a precaution.
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/Injuries after skin contact : Irritation. May cause an allergic skin reaction.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media


5.2. Special hazards arising from the substance or mixture

Fire hazard : Highly flammable liquid and vapor.
Reactivity : Highly flammable liquid and vapor.

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : NO open flames, NO sparks, and NO smoking. Only qualified personnel equipped with suitable protective equipment may intervene. Avoid breathing dust/fume/gas/mist/vapors/spray.
6.1.2. For emergency responders
Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8 Exposure controls/personal protection*.

6.2. Environmental precautions
Avoid release to the environment. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up
Methods for cleaning up: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
Other information: Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections
For further information refer to section 8: Exposure controls/personal protection**.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Precautions for safe handling: Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

Hygiene measures: Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities
Technical measures: Ground/bond container and receiving equipment.
Storage conditions: Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Substance</th>
<th>ACGIH</th>
<th>ACGIH TWA (mg/m³)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>titanium(IV) oxide (13463-67-7)</td>
<td>ACGIH</td>
<td></td>
<td>10 mg/m³ (Titanium dioxide; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)</td>
</tr>
<tr>
<td>ACGIH</td>
<td></td>
<td></td>
<td>Remark (ACGIH)</td>
</tr>
<tr>
<td>OSHA</td>
<td></td>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>15 mg/m³</td>
</tr>
<tr>
<td>quartz, conc respirable crystalline silica&gt;=10% (14808-60-7)</td>
<td>ACGIH</td>
<td></td>
<td>0.025 mg/m³ (Silica-Crystalline Quartz; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Respirable fraction)</td>
</tr>
<tr>
<td>ACGIH</td>
<td></td>
<td>ACGIH TWA (mg/m³)</td>
<td>LRT irr; A3</td>
</tr>
<tr>
<td>OSHA</td>
<td></td>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>0.1 mg/m³</td>
</tr>
<tr>
<td>OSHA</td>
<td></td>
<td>Remark (OSHA)</td>
<td>(3) See Table Z-3.</td>
</tr>
<tr>
<td>xylene, mixture of isomers (1330-20-7)</td>
<td>ACGIH</td>
<td></td>
<td>URT &amp; eye irr; CNS impair</td>
</tr>
<tr>
<td>ACGIH</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OSHA</td>
<td></td>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>435 mg/m³</td>
</tr>
<tr>
<td>OSHA</td>
<td></td>
<td>OSHA PEL (TWA) (ppm)</td>
<td>100 ppm</td>
</tr>
<tr>
<td>OSHA</td>
<td></td>
<td>OSHA PEL (STEL) (mg/m³)</td>
<td>655 mg/m³</td>
</tr>
</tbody>
</table>

8.2. Exposure controls
Appropriate engineering controls: Ensure good ventilation of the work station.
Hand protection: Protective gloves.
**Eye protection**: Safety glasses.
**Skin and body protection**: Wear suitable protective clothing.
**Respiratory protection**: Wear respiratory protection.
**Environmental exposure controls**: Avoid release to the environment.

### 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>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Colourless contains one or more component(s) with the following colour(s): Colourless to light yellow Colourless Pure substance: white Unpurified: coloured Grey Colourless to white White to light yellow White Yellow</td>
</tr>
<tr>
<td>Odor</td>
<td>There may be no odour warning properties, odour is subjective and inadequate to warn of overexposure. Mixture contains one or more component(s) which have the following odour(s): Pleasant odour Aromatic odour Fruity odour Mild odour Ether-like odour Petroleum-like odour Odourless No data available on odour Sweet odour</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>56 °C 132.8 °F</td>
</tr>
<tr>
<td>Flash point</td>
<td>-20 °C -4 °F</td>
</tr>
<tr>
<td>Relative evaporation rate (butyl acetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosion limits</td>
<td>1 - 12.8 vol %</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapor density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Specific gravity / density</td>
<td>1.849 g/ml</td>
</tr>
<tr>
<td>Solubility</td>
<td>Water: Solubility in water of component(s) of the mixture: xylene, mixture of isomers: &lt; 0.02 g/100ml 2-methoxy-1-methylethyl acetate: 19.8 g/100ml (20 °C, soluble) n-butyl acetate: 0.53 g/100ml (20 °C) Stoddard solvent: insoluble titanium(IV) oxide: 0.15 g/100ml quartz, conc respirable crystalline silica&gt;=10%: insoluble zeolites: &lt; 0.1 g/100ml epoxy resins, liquids, MM&lt;=700: mg/l (insoluble) 5.4-8.4 tert-butyl acetate: 0.1 g/100ml acetone: Complete</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>449 °C 840 °F</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
</tbody>
</table>

#### 9.2. Other information

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOC content (Regulatory - Less water and exempt solvents)</td>
<td>211.936 g/l</td>
</tr>
<tr>
<td>VOC content (Material - Actual)</td>
<td>153.128 g/l</td>
</tr>
<tr>
<td>Percent Solids (Weight)</td>
<td>78.81 %</td>
</tr>
<tr>
<td>Percent Solids (Volume)</td>
<td>54.475 %</td>
</tr>
<tr>
<td>Percent Volatile (Weight)</td>
<td>21.19 %</td>
</tr>
<tr>
<td>Percent Volatile (Volume)</td>
<td>45.525 %</td>
</tr>
</tbody>
</table>
## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Highly flammable liquid and vapor.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, No sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

<table>
<thead>
<tr>
<th>Substance</th>
<th>Route</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>titanium(IV) oxide (13463-67-7)</strong></td>
<td>Oral rat</td>
<td>&gt; 10000 mg/kg (Rat; OECD 425: Acute Oral Toxicity: Up-and-Down Procedure; Experimental value)</td>
</tr>
<tr>
<td></td>
<td>Dermal rabbit</td>
<td>&gt; 10000 mg/kg (Rabbit; Literature study)</td>
</tr>
<tr>
<td></td>
<td>Inhalation rat (mg/l)</td>
<td>&gt; 6.8 mg/l/4h (Rat; Experimental value)</td>
</tr>
<tr>
<td><strong>quartz, conc respirable crystalline silica&gt;=10% (14808-60-7)</strong></td>
<td>Oral rat</td>
<td>&gt; 5000 mg/kg</td>
</tr>
<tr>
<td><strong>epoxy resins, liquids, MM&lt;=700 (25068-38-6)</strong></td>
<td>Oral rat</td>
<td>&gt; 2000 mg/kg (Rat; OECD 420: Acute Oral toxicity – Acute Toxic Class Method; Experimental value)</td>
</tr>
<tr>
<td></td>
<td>Dermal rat</td>
<td>&gt; 2000 mg/kg (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)</td>
</tr>
<tr>
<td><strong>xylene, mixture of isomers (1330-20-7)</strong></td>
<td>Oral rat</td>
<td>3523 - 8600 mg/kg (Rat; OECD 401: Acute Oral Toxicity: Literature study; 3523 mg/kg bodyweight; Rat; OECD 401: Acute Oral Toxicity: Experimental value; &gt;4000 mg/kg bodyweight; Rat; OECD 401: Acute Oral Toxicity; Experimental value)</td>
</tr>
<tr>
<td></td>
<td>Dermal rabbit</td>
<td>&gt; 4200 mg/kg body weight (Rabbit; Experimental value; OECD 402: Acute Dermal Toxicity)</td>
</tr>
<tr>
<td></td>
<td>Inhalation rat (mg/l)</td>
<td>29 mg/l/4h (Rat; Experimental value; 27.57 mg/l/4h; Rat; Experimental value)</td>
</tr>
<tr>
<td></td>
<td>ATE US (oral)</td>
<td>3523.000 mg/kg body weight</td>
</tr>
<tr>
<td></td>
<td>ATE US (dermal)</td>
<td>1100.000 mg/kg body weight</td>
</tr>
<tr>
<td></td>
<td>ATE US (vapors)</td>
<td>29.000 mg/l/4h</td>
</tr>
<tr>
<td></td>
<td>ATE US (dust, mist)</td>
<td>1.500 mg/l/4h</td>
</tr>
</tbody>
</table>

#### Skin corrosion/irritation

Causes skin irritation.

#### Serious eye damage/irritation

Not classified

#### Respiratory or skin sensitization

May cause an allergic skin reaction.

#### Germ cell mutagenicity

Not classified

#### Carcinogenicity

May cause cancer.

<table>
<thead>
<tr>
<th>Substance</th>
<th>IARC group</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>titanium(IV) oxide (13463-67-7)</strong></td>
<td>2B - Possibly Carcinogenic to Humans</td>
</tr>
<tr>
<td><strong>quartz, conc respirable crystalline silica&gt;=10% (14808-60-7)</strong></td>
<td>1 - Carcinogenic to Humans</td>
</tr>
<tr>
<td><strong>xylene, mixture of isomers (1330-20-7)</strong></td>
<td>3 - Not Classifiable</td>
</tr>
</tbody>
</table>

#### Reproductive toxicity

Not classified

#### Specific target organ toxicity (single exposure)

Not classified
Specific target organ toxicity (repeated exposure): Not classified
Aspiration hazard: Not classified
Symptoms/injuries after skin contact: Irritation. May cause an allergic skin reaction.

SECTION 12: Ecological information

12.1. Toxicity
Ecology - general: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

titanium(IV) oxide (13463-67-7)
EC50 Daphnia 1 > 100 mg/l (LC50; Equivalent or similar to OECD 202; 48 h; Daphnia magna; Static system; Fresh water; Weight of evidence)
Threshold limit algae 1 61 mg/l (EC50; Other; 72 h; Pseudokirchneriella subcapitata; Static system; Fresh water; Experimental value)

quartz, conc respirable crystalline silica>=10% (14808-60-7)
LC50 fish 1 > 500 mg/l
EC50 Daphnia 1 > 300 mg/l

epoxy resins, liquids, MM<=700 (25068-38-6)
LC50 fish 2 2.3 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Oncorhynchus mykiss; Semi-static system; Fresh water; Experimental value)
EC50 Daphnia 2 1.1 - 2.8 mg/l (EC50; Equivalent or similar to OECD 202; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)

12.2. Persistence and degradability

titanium(IV) oxide (13463-67-7)
Persistence and degradability: Biodegradability: not applicable. Low potential for mobility in soil.
Biochemical oxygen demand (BOD) Not applicable
Chemical oxygen demand (COD) Not applicable
ThOD Not applicable

quartz, conc respirable crystalline silica>=10% (14808-60-7)
Persistence and degradability: Biodegradability: not applicable.
Biochemical oxygen demand (BOD) Not applicable
Chemical oxygen demand (COD) Not applicable
ThOD Not applicable

epoxy resins, liquids, MM<=700 (25068-38-6)

xylene, mixture of isomers (1330-20-7)
 Persistence and degradability: Readily biodegradable in water. Biodegradable in the soil. No (test)data on mobility of the substance available. Photolysis in the air.

12.3. Bioaccumulative potential

titanium(IV) oxide (13463-67-7)
Bioaccumulative potential: Not bioaccumulative.

epoxy resins, liquids, MM<=700 (25068-38-6)
BCF other aquatic organisms 1 3 - 31 (BCF)
Log Pow >= 2.918 (Experimental value; EU Method A.8: Partition Coefficient; 25 °C)
Bioaccumulative potential: Low potential for bioaccumulation (BCF < 500).

xylene, mixture of isomers (1330-20-7)
BCF fish 2 7 - 26 (BCF; 8 weeks; Oncorhynchus mykiss; Flow-through system; Fresh water)
Log Pow 3.2 (Conclusion by analogy; 20 °C)
Bioaccumulative potential: Low potential for bioaccumulation (BCF < 500).
12.4. Mobility in soil

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>epoxy resins, liquids, MM&lt;=700 (25068-38-6)</strong></td>
<td></td>
</tr>
<tr>
<td>Surface tension</td>
<td>0.0 587-0.0589,20 °C</td>
</tr>
<tr>
<td>Log Koc</td>
<td>log Koc, SRC PCKOCWIN v2.0; 2.65; QSAR</td>
</tr>
<tr>
<td><strong>xylene, mixture of isomers (1330-20-7)</strong></td>
<td></td>
</tr>
<tr>
<td>Ecology - soil</td>
<td>May be harmful to plant growth, blooming and fruit formation.</td>
</tr>
</tbody>
</table>

12.5. Other adverse effects

Effect on the global warming : No known ecological damage caused by this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector’s sorting instructions.
Additional information : Flammable vapors may accumulate in the container.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Transport document description : UN1263 Paint (including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler, and liquid lacquer base), 3, II

UN-No.(DOT) : UN1263
Proper Shipping Name (DOT) : Paint including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler, and liquid lacquer base

Transport hazard class(es) (DOT) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
Hazard labels (DOT) : 3 - Flammable liquid

DOT Special Provisions (49 CFR 172.102) : 149 - When transported as a limited quantity or a consumer commodity, the maximum net capacity specified in 173.150(b)(2) of this subchapter for inner packaging may be increased to 5 L (1.3 gallons).
B52 - Notwithstanding the provisions of 173.24b of this subchapter, non-reclosing pressure relief devices are authorized on DOT 57 portable tanks.
IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized.
T4 - 2.65 178.274(d)(2) Normal............. 178.275(d)(3)
TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / 1 + a (tr - tf) Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.
TP2 - A portable tank having a minimum test pressure of 1.5 bar (150 kPa) may be used when the flash point of the hazardous material transported is greater than 0 C (32 F).
TP28 - A portable tank having a minimum test pressure of 2.65 bar (265 kPa) may be used provided the calculated test pressure is 2.65 bar or less based on the MAWP of the hazardous material, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.

DOT Packaging Exceptions (49 CFR 173.xxx) : 150
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 5 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 60 L
DOT Vessel Stowage Location : B. (i) The material may be stowed “on deck” or “under deck” on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) “On deck only” on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.

Other information : No supplementary information available.

TDG

Transport document description : UN1263 PAINT (PAINT), 3, II
UN-No. (TDG) : UN1263
TDG Proper Shipping Name : PAINT
TDG Primary Hazard Classes : 3 - Class 3 - Flammable Liquids
Packing group : II - Medium Danger
TDG Special Provisions : 59 - Substances that are listed by name in Schedule 1 must not be transported under this shipping name. Substances transported under this shipping name may contain not more than 20 per cent nitrocellulose if the nitrocellulose contains not more than 12.6 per cent nitrogen (by dry mass). 83 - Section 5.12 of Part 5, Means of Containment, does not apply to these dangerous goods if a) the dangerous goods are included in Packing Group II or III; b) the dangerous goods are in quantities less than or equal to 5 L and are in a metal or plastic means of containment; c) the metal or plastic means of containment is inside an outer means of containment and the gross mass of the outer means of containment is less than or equal to 40 kg; d) the means of containment are designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no accidental release of the dangerous goods that could endanger public safety; e) the dangerous goods are transported in palletered loads, a pallet box or unit load device so that individual means of containment are placed or stacked and secured to the pallet by strapping, shrink- or stretch-wrapping or other suitable means; and f) when the dangerous goods are on a road vehicle or a railway vehicle that is to be transported by ship, the pallets, pallet boxes or unit load devices are secured inside the vehicle and the vehicle is closed.

Explosive Limit and Limited Quantity Index : 5
Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index : 5

Transport by sea
UN-No. (IMDG) : 1263
Proper Shipping Name (IMDG) : PAINT RELATED MATERIAL
Class (IMDG) : 3 - Flammable liquids
Packing group (IMDG) : II - substances presenting medium danger

Air transport
No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

titanium(IV) oxide (13463-67-7) Listed on the United States TSCA (Toxic Substances Control Act) inventory
quartz, conc respirable crystalline silica>=10% (14808-60-7) Listed on the United States TSCA (Toxic Substances Control Act) inventory
epoxy resins, liquids, MM<=700 (25068-38-6) Listed on the United States TSCA (Toxic Substances Control Act) inventory
EPA TSCA Regulatory Flag XU - XU - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e., Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)).

xylene, mixture of isomers (1330-20-7) Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on SARA Section 313 (Specific toxic chemical listings)
RQ (Reportable quantity, section 304 of EPA's List of Lists) : 100 lb
15.2. International regulations

CANADA
No additional information available

EU-Regulations
No additional information available

National regulations

titanium(IV) oxide (13463-67-7)
Listed on IARC (International Agency for Research on Cancer)
quartz, conc respirable crystalline silica>=10% (14808-60-7)
Listed on IARC (International Agency for Research on Cancer)

15.3. US State regulations

titanium(IV) oxide (13463-67-7)
U.S. - New Jersey - Right to Know Hazardous Substance List
quartz, conc respirable crystalline silica>=10% (14808-60-7)
U.S. - New Jersey - Right to Know Hazardous Substance List

xylene, mixture of isomers (1330-20-7)
U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

Full text of H-phrases:

<table>
<thead>
<tr>
<th>Acute Tox. 4 (Dermal)</th>
<th>Acute toxicity (dermal) Category 4</th>
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<tr>
<td>Acute Tox. 4 (Inhalation:dust,mist)</td>
<td>Acute toxicity (inhalation:dust,mist) Category 4</td>
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<tr>
<td>Aquatic Chronic 2</td>
<td>Hazardous to the aquatic environment - Chronic Hazard Category 2</td>
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<tr>
<td>Carc. 1A</td>
<td>Carcinogenicity Category 1A</td>
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<tr>
<td>Carc. 2</td>
<td>Carcinogenicity Category 2</td>
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<tr>
<td>Flam. Liq. 2</td>
<td>Flammable liquids Category 2</td>
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<td>Flam. Liq. 3</td>
<td>Flammable liquids Category 3</td>
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<tr>
<td>Skin Irrit. 2</td>
<td>Skin corrosion/irritation Category 2</td>
</tr>
<tr>
<td>Skin Sens. 1</td>
<td>Skin sensitization Category 1</td>
</tr>
<tr>
<td>H225</td>
<td>Highly flammable liquid and vapor</td>
</tr>
<tr>
<td>H226</td>
<td>Flammable liquid and vapor</td>
</tr>
<tr>
<td>H312</td>
<td>Harmful in contact with skin</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation</td>
</tr>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction</td>
</tr>
<tr>
<td>H332</td>
<td>Harmful if inhaled</td>
</tr>
<tr>
<td>H350</td>
<td>May cause cancer</td>
</tr>
<tr>
<td>H351</td>
<td>Suspected of causing cancer</td>
</tr>
<tr>
<td>H411</td>
<td>Toxic to aquatic life with long lasting effects</td>
</tr>
</tbody>
</table>

SDS US Endura

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