## SECTION 1: Identification

### 1.1. Identification

- **Product form**: Mixture
- **Trade name**: AXIS 2.1 DTM MEDIUM CATALYST
- **Product code**: BPR2271-4, BPR2271-6

### 1.2. Recommended use and restrictions on use

- **Recommended use**: Hardener

### 1.3. Supplier

Axis Performance Coatings™ - Liberty Bell Equipment Corp.
810 N. Jefferson Ave.
St. Louis, MO 63106 - United States
T (888) 646-1400
axiscoatings.com

### 1.4. Emergency telephone number

- **Emergency number**: CHEMTREC: (800) 424-9300 (available 24 hours)

## SECTION 2: Hazard(s) identification

### 2.1. Classification of the substance or mixture

**GHS US classification**

- **Flammable liquids Category 2**: Highly flammable liquid and vapor
- **Serious eye damage/eye irritation Category 2**: Causes serious eye irritation
- **Skin sensitization, Category 1**: May cause an allergic skin reaction
- **Specific target organ toxicity (single exposure) Category 3**: May cause respiratory irritation
- **Specific target organ toxicity (single exposure) Category 3**: May cause drowsiness or dizziness
- **Toxic to the aquatic environment - Chronic Hazard Category 2**: Toxic to aquatic life with long lasting effects

### 2.2. GHS Label elements, including precautionary statements

**GHS US labeling**

- **Hazard pictograms (GHS US)**:
  - ![](fire.png)
  - ![](exclamation.png)
  - ![](fish.png)

- **Signal word (GHS US)**: Danger
- **Hazard statements (GHS US)**:
  - Highly flammable liquid and vapor
  - May cause an allergic skin reaction
  - Causes serious eye irritation
  - May cause respiratory irritation
  - May cause drowsiness or dizziness
  - Toxic to aquatic life with long lasting effects
- **Precautionary statements (GHS US)**:
  - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
  - Avoid breathing fume, spray, vapors.
  - Wash hands thoroughly after handling.
  - Wear face protection, protective clothing, protective gloves.
  - If eye irritation persists: Get medical advice/attention.
  - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

Not applicable
SECTION 3: Composition/Information on ingredients

3.1. Substances
Not applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>GHS US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>hexamethylene disocyanate oligomers</td>
<td>(CAS-No.) 28182-81-2</td>
<td>&lt; 43</td>
<td>Acute Tox. 4 (Inhalation), H332</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Skin Sens. 1, H317, STOT SE 3, H335</td>
</tr>
<tr>
<td>methyl acetate</td>
<td>(CAS-No.) 79-20-9</td>
<td>23 - 43</td>
<td>Flam. Liq. 2, H225, Eye Irrit. 2, H319,</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>STOT SE 3, H336</td>
</tr>
<tr>
<td>4-chlorobenzotrifluoride</td>
<td>(CAS-No.) 98-56-6</td>
<td>23 - 43</td>
<td>Flam. Liq. 3, H226, Skin Sens. 1, H317,</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Aquatic Chronic 2, H411</td>
</tr>
<tr>
<td>solvent naphtha (petroleum), light aromatic</td>
<td>(CAS-No.) 64742-95-6</td>
<td>&lt; 5</td>
<td>Flam. Liq. 3, H226, STOT SE 3, H336,</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Aquatic Chronic 2, H411, Asp. Tox. 1, H304,</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Aquatic Chronic 2, H411</td>
</tr>
</tbody>
</table>

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general : Call a poison center/doctor/physician if you feel unwell.
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor/physician if you feel unwell.
First-aid measures after skin contact : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects : May cause drowsiness or dizziness.
Symptoms/effects after inhalation : May cause respiratory irritation.
Symptoms/effects after skin contact : May cause an allergic skin reaction.
Symptoms/effects after eye contact : Eye irritation.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media


5.2. Specific hazards arising from the chemical

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

5.3. Special protective equipment and precautions for fire-fighters

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 : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing vapors, spray, fume. Avoid contact with skin and eyes.

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.

6.3. Methods and material for containment and cleaning up
For containment:
- Contain released product. Collect spillage.

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 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Precautions for safe handling:
- 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. Use only outdoors or in a well-ventilated area. Avoid breathing vapors, spray, fume. Avoid contact with skin and eyes.

Hygiene measures:
- Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. 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.

Storage temperature:
- < 25 °C

Storage area:
- Keep container in a well-ventilated place.

Special rules on packaging:
- Keep only in original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Local name</th>
<th>Methyl acetate</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>ACGIH TWA (ppm)</td>
<td>200 ppm</td>
</tr>
<tr>
<td>ACGIH</td>
<td>ACGIH STEL (ppm)</td>
<td>250 ppm</td>
</tr>
<tr>
<td>ACGIH</td>
<td>Remark (ACGIH)</td>
<td>TLV® Basis: Headache; dizziness; nausea; eye damage (degeneration of ganglion cells in the retina)</td>
</tr>
<tr>
<td>ACGIH</td>
<td>Regulatory reference</td>
<td>ACGIH 2018</td>
</tr>
<tr>
<td>OSHA</td>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>610 mg/m³</td>
</tr>
<tr>
<td>OSHA</td>
<td>OSHA PEL (TWA) (ppm)</td>
<td>200 ppm</td>
</tr>
<tr>
<td>OSHA</td>
<td>Regulatory reference (US-OSHA)</td>
<td>OSHA Annotated Table Z-1</td>
</tr>
</tbody>
</table>

4-chlorobenzotrifluoride (98-56-6)
Not applicable

solvent naphtha (petroleum), light aromatic (64742-95-6)
Not applicable

hexamethylene diisocyanate oligomers (28182-81-2)
Not applicable

8.2. Appropriate engineering controls
Appropriate engineering controls:
- Ensure good ventilation of the work station.

Environmental exposure controls:
- Avoid release to the environment.
### 8.3. Individual protection measures/Personal protective equipment

**Personal protective equipment:**

**Materials for protective clothing:**
Impermeable clothing

**Hand protection:**
Protective gloves

**Eye protection:**
Safety glasses

**Skin and body protection:**
Wear suitable protective clothing

**Respiratory protection:**
Air-fed respiratory protective equipment should be worn when this product is sprayed

**Personal protective equipment symbol(s):**

![Safety symbols]

### 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>Appearance</td>
<td>Liquid.</td>
</tr>
<tr>
<td></td>
<td>Colorless</td>
</tr>
<tr>
<td></td>
<td>aromatic</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>&gt; 35 °C</td>
</tr>
<tr>
<td>Flash point</td>
<td>&lt; 0 °C</td>
</tr>
<tr>
<td>Relative evaporation rate (butyl acetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapor density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Specific gravity / density</td>
<td>≈ 1.11 (1.1 - 1.12) g/cm³</td>
</tr>
<tr>
<td>Solubility</td>
<td>insoluble in water. soluble in most organic solvents.</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>≈</td>
</tr>
<tr>
<td>Explosion limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
</tr>
</tbody>
</table>
AXIS 2.1 DTM MEDIUM CATALYST
Safety Data Sheet

As Packaged Regulatory VOC: 113 g/l (0.94 lb/gal)
As Packaged Actual VOC: 46 g/l (0.38 lb/gal)
Exempt Compounds by volume: 59.4 vol %
Exempt Compounds by weight: 58.5 wt %
Volatiles: 62.6 wt %
% HAPS: 0.1 wt %
Percent Solids: 37.35 wt %

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 (oral): Not classified
Acute toxicity (dermal): Not classified
Acute toxicity (inhalation): Not classified

methyl acetate (79-20-9)
LD50 oral rat: 6482 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male, Experimental value, Oral)
LD50 dermal rat: > 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male/female, Experimental value, Dermal)
LC50 inhalation rat (mg/l): 49 mg/l
ATE US (oral): 6482 mg/kg body weight
ATE US (vapors): 49 mg/l/4h
ATE US (dust, mist): 49 mg/l/4h

4-chlorobenzotrifluoride (98-56-6)
LD50 oral rat: 13000 mg/kg (Rat, Oral)
LD50 dermal rabbit: > 2000 mg/kg (Rabbit, Dermal)
LC50 inhalation rat (mg/l): 33 mg/l (4 h, Rat, Inhalation)
ATE US (oral): 13000 mg/kg body weight
ATE US (vapors): 33 mg/l/4h
ATE US (dust, mist): 33 mg/l/4h

solvent naphtha (petroleum), light aromatic (64742-95-6)
LD50 oral rat: 3592 mg/kg (OECD Test Guideline 401, rat)
LD50 dermal rabbit: > 3160 mg/kg (OECD Test Guideline 402)
ATE US (oral): 3592 mg/kg body weight

hexamethylene diisocyanate oligomers (28182-81-2)
LD50 oral rat: > 2500 mg/kg (OECD Test Guideline 423, rat, female)
LD50 dermal rat: > 2000 mg/kg (OECD Test Guideline 402, rat, male/female)
ATE US (gases): 4500 ppmV/4h
ATE US (vapors): 11 mg/l/4h
ATE US (dust, mist): 0.39 mg/l/4h
Skin corrosion/irritation: Not classified
Serious eye damage/irritation: Causes serious eye irritation.
Respiratory or skin sensitization: May cause an allergic skin reaction.
Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified
Reproductive toxicity: Not classified
Specific target organ toxicity – single exposure: May cause respiratory irritation. May cause drowsiness or dizziness.

<table>
<thead>
<tr>
<th>Substance</th>
<th>Specific target organ toxicity – single exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>methyl acetate (79-20-9)</td>
<td>May cause drowsiness or dizziness.</td>
</tr>
<tr>
<td>solvent naphtha (petroleum), light aromatic (64742-95-6)</td>
<td>May cause drowsiness or dizziness. May cause respiratory irritation.</td>
</tr>
<tr>
<td>hexamethylene diisocyanate oligomers (28182-81-2)</td>
<td>May cause respiratory irritation.</td>
</tr>
<tr>
<td>methyl acetate (79-20-9)</td>
<td>Specific target organ toxicity – repeated exposure: Not classified</td>
</tr>
<tr>
<td>LOAEC (inhalation, rat, vapour, 90 days)</td>
<td>2000 mg/l</td>
</tr>
<tr>
<td>NOAEC (inhalation, rat, vapour, 90 days)</td>
<td>1057 mg/m³</td>
</tr>
</tbody>
</table>

Aspiration hazard: Not classified
Viscosity, kinematic: No data available
Symptoms/effects: May cause drowsiness or dizziness.
Symptoms/effects after inhalation: May cause respiratory irritation.
Symptoms/effects after skin contact: May cause an allergic skin reaction.
Symptoms/effects after eye contact: Eye irritation.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general: Toxic to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>Substance</th>
<th>LC50 fish 1</th>
<th>EC50 Daphnia 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>methyl acetate (79-20-9)</td>
<td>250 - 350 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Brachydanio rerio, Static system, Fresh water, Experimental value, GLP)</td>
<td>1026.7 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)</td>
</tr>
<tr>
<td>4-chlorobenzotrifluoride (98-56-6)</td>
<td>11.4 mg/l (72 h, Lepomis macrochirus, Static system)</td>
<td>3.68 mg/l (48 h, Daphnia magna)</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

<table>
<thead>
<tr>
<th>Substance</th>
<th>Persistence and degradability</th>
</tr>
</thead>
<tbody>
<tr>
<td>methyl acetate (79-20-9)</td>
<td>Readily biodegradable in water. Inherently biodegradable.</td>
</tr>
<tr>
<td>4-chlorobenzotrifluoride (98-56-6)</td>
<td>Biodegradability in water: no data available.</td>
</tr>
<tr>
<td>solvent naphtha (petroleum), light aromatic (64742-95-6)</td>
<td>Persistence and degradability: May cause long-term adverse effects in the environment.</td>
</tr>
</tbody>
</table>

12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th>Substance</th>
<th>BCF fish 1</th>
<th>Log Pow</th>
<th>Bioaccumulative potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>methyl acetate (79-20-9)</td>
<td>&lt; 1 (Pisces, Literature study)</td>
<td>0.37 (Calculated, KOWWIN, 25 °C)</td>
<td>Low potential for bioaccumulation (BCF &lt; 500).</td>
</tr>
</tbody>
</table>
AXIS 2.1 DTM MEDIUM CATALYST
Safety Data Sheet
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

4-chlorobenzotrifluoride (98-56-6)

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Log Pow</td>
<td>3.6</td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td>Low potential for bioaccumulation (Log Kow &lt; 4).</td>
</tr>
</tbody>
</table>

solvent naphtha (petroleum), light aromatic (64742-95-6)

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Log Pow</td>
<td>2.1 - 6</td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td>Not established.</td>
</tr>
</tbody>
</table>

12.4. Mobility in soil

methyl acetate (79-20-9)

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface tension</td>
<td>0.024 N/m (20 °C)</td>
</tr>
<tr>
<td>Log Koc</td>
<td>0.18 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)</td>
</tr>
<tr>
<td>Ecology - soil</td>
<td>Highly mobile in soil.</td>
</tr>
</tbody>
</table>

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Regional legislation (waste) : Disposal must be done according to official regulations.
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 related material (including paint thinning, drying, removing, or reducing compound), 3, II
UN-No.(DOT) : UN1263
Proper Shipping Name (DOT) : Paint related material including paint thinning, drying, removing, or reducing compound
Class (DOT) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
Packing group (DOT) : II - Medium Danger
Hazard labels (DOT) : 3 - Flammable liquid

Dangerous for the environment : Yes
Marine pollutant : Yes

DOT Packaging Non Bulk (49 CFR 173.xxx) : 173
DOT Packaging Bulk (49 CFR 173.xxx) : 242
According to the Safety Data Sheet (SDS) for AXIS 2.1 DTM MEDIUM CATALYST, the following information is provided:

**DOT Special Provisions (49 CFR 172.102)**
- 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).
- Notwithstanding the provisions of 173.24b of this subchapter, non-reclosing pressure relief devices are authorized on DOT 57 portable tanks.
- Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31H2Z1). 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.
- TP8 - 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.

**Transportation of Dangerous Goods**

**Transport document description**
- UN1263 PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) with not more than 20 per cent nitrocellulose by mass if the nitrogen content of the nitrocellulose is not more than 12.6 per cent by mass), 3, II

**UN-No. (TDG)**
- UN1263

**Proper Shipping Name (Transportation of Dangerous Goods)**
- 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), 142 - The following shipping names may be used to meet the requirements of Part 3 (Documentation) and Part 4 (Dangerous Goods Safety Marks) when these dangerous goods are offered for transport in the same means of containment: (a)"PAINT RELATED MATERIAL" may be used for a means of containment containing both paint and paint related material; (b)"PAINT RELATED MATERIAL, CORROSIVE, FLAMMABLE" may be used for a means of containment containing both paint, corrosive, flammable, and paint related material, corrosive, flammable; (c)"PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE" may be used for a means of containment containing both paint, flammable, corrosive, and paint related material, flammable, corrosive; and (d)"PRINTING INK RELATED MATERIAL" may be used for a means of containment containing both printing ink and printing ink related material. SOR/2014-306

**Explosive Limit and Limited Quantity Index**
- 5 L

**Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index**
- 5 L

**Transport by sea**

**Transport document description (IMDG)**
- UN 1263 PAINT, 3, II, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS

**UN-No. (IMDG)**
- 1263

**Proper Shipping Name (IMDG)**
- PAINT

**Class (IMDG)**
- 3 - Flammable liquids

**Packing group (IMDG)**
- II - substances presenting medium danger

**Limited quantities (IMDG)**
- 5 L

*06/24/2019 EN (English US) SDS ID: BPR2271-US 8/10*
AXIS 2.1 DTM MEDIUM CATALYST
Safety Data Sheet
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Marine pollutant : Yes

Air transport
Transport document description (IATA) : UN 1263 Paint, 3, II, ENVIRONMENTALLY HAZARDOUS
UN-No. (IATA) : 1263
Proper Shipping Name (IATA) : Paint
Class (IATA) : 3 - Flammable Liquids
Packing group (IATA) : II - Medium Danger

SECTION 15: Regulatory information

15.1. US Federal regulations

methyl acetate (79-20-9)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

4-chlorobenzotrifluoride (98-56-6)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
EPA TSCA Regulatory Flag T - T - indicates a substance that is the subject of a final TSCA section 4 test rule.

solvent naphtha (petroleum), light aromatic (64742-95-6)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

hexamethylene diisocyanate oligomers (28182-81-2)
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 Chemical Data Reporting Rule, (40 CFR 711).

15.2. International regulations

CANADA

methyl acetate (79-20-9)
Listed on the Canadian DSL (Domestic Substances List)

4-chlorobenzotrifluoride (98-56-6)
Listed on the Canadian DSL (Domestic Substances List)

solvent naphtha (petroleum), light aromatic (64742-95-6)
Listed on the Canadian DSL (Domestic Substances List)

hexamethylene diisocyanate oligomers (28182-81-2)
Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations
No additional information available

National regulations
No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm
AXIS 2.1 DTM MEDIUM CATALYST
Safety Data Sheet
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<table>
<thead>
<tr>
<th>Component</th>
<th>State or local regulations</th>
</tr>
</thead>
<tbody>
<tr>
<td>methyl acetate(79-20-9)</td>
<td>U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List; U.S. - Pennsylvania - RTK (Right to Know) List</td>
</tr>
</tbody>
</table>

SECTION 16: Other information
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: 04/30/2019

NFPA health hazard: 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.

NFPA fire hazard: 3 - Liquids and solids (including finely divided suspended solids) that can be ignited under almost all ambient temperature conditions.

NFPA reactivity: 1 - Materials that in themselves are normally stable but can become unstable at elevated temperatures and pressures.

SDS US GHS (GHS HazCom2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.