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

TRADE NAME
1517092, 1517093 SEAT BELT PRETENSIONERS

Art. number
1404907/ 1404908/ 1411485/ 1411486

Manufacturer/importer
Enterprise Scania CV AB
Postal code 151 87 Södertälje
Country Sweden
E-mail safety_data_sheet@scania.com
Telephone +46 (0)8 553 810 00
Fax +46 (0)8 553 84912

Emergency Phone +46 (0)8 553 83131
Type of assistance Not urgent
Opening Hours N

2. HAZARDS IDENTIFICATION

Explosive

GENERAL

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>No</th>
<th>Ingredient name</th>
<th>Reg.No</th>
<th>EC No.</th>
<th>CAS No.</th>
<th>Conc. (wt%)</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>cellulose nitrate, nitrocellulose, containing more than 12.6 % nitrogen</td>
<td></td>
<td></td>
<td></td>
<td>~ 90 %</td>
<td>R1 - R3</td>
</tr>
</tbody>
</table>

Explanation of symbols: T+=highly toxic, T=toxic, C=corrosive, Xn=harmful, Xi=irritant E=Explosive, O=Oxidising, F+=Extremely flammable, F=Highly flammable, N=Dangerous for the environment, Cancer=Carcinogenic, Mut=Mutagenic, Rep=Toxic for reproduction, Conc.=Concentration

INGREDIENT COMMENTS
The belt pretensioner gasgenerator is composed of an electrically ignited pyrotechnical part containing a solid propellant.

4. FIRST AID MEASURES

INHALATION
Fresh air. Consult a physician for specific advice.
SKIN CONTACT
Wash immediately with soap and water.

EYE CONTACT

INGESTION

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
Firemen can use a wide water jet.

EXTINGUISHING METHODS
Containers close to fire should be removed immediately or cooled with water.

FIRE AND EXPLOSION HAZARDS
Extreme risk of explosion by shock, friction, fire or other sources of ignition.

PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS
Use a fresh air breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
Note the risk of ignition and explosion.

SAFETY ACTIONS TO PROTECT EXTERNAL ENVIRONMENT
Prevent discharge to drains. In the event of major emissions, contact the relevant authorities.

METHODS FOR CLEANING UP
Moist spillages with water and collect.

7. HANDLING AND STORAGE

HANDLING ADVICE
Handling the product requires special training. Keep away from sources of ignition - No smoking. Use explosion-proof electric equipment. Read and follow manufacturer’s recommendations!

STORAGE
Explosive. Store at temperature not greater than 45 ºC.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE CONTROL
Provide good ventilation. Use explosion-proof electric equipment. Static electricity and formation or sparks must be prevented.

EYE PROTECTION
Tight-fitting goggles if risk of splashes or direct contact.

HAND PROTECTION
Protective gloves must be used if there is a risk of direct contact or splash.

PROTECTIVE CLOTHING
Wear appropriate clothing to prevent any possibility of skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State Granulate.
Solubility Soluble in: Acetone.
Water solubility Insoluble in water.

<table>
<thead>
<tr>
<th>Physical and chemical parameters</th>
<th>Value/unit</th>
<th>Method/reference</th>
<th>Observation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto-ignition temp.</td>
<td>~ 180 °C</td>
<td>1)</td>
<td></td>
</tr>
<tr>
<td>Density</td>
<td>1.6 g/cm³</td>
<td>2)</td>
<td></td>
</tr>
</tbody>
</table>

OBSERVATIONS ON PHYSICAL AND CHEMICAL PARAMETERS

<table>
<thead>
<tr>
<th>Observation</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1)</td>
<td></td>
</tr>
<tr>
<td>2)</td>
<td></td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

STABILITY
Stable under recommended storage and handling conditions. Risk of explosion by shock, friction, fire or other sources of ignition.

MATERIALS TO AVOID
Powdered metal.

HAZARDOUS DECOMPOSITION PRODUCTS
Dangerous products of decomposition: carbon monoxide, carbon dioxide and nitrogen oxides.

OTHER INFORMATION
### 11. TOXICOLOGICAL INFORMATION

**GENERAL**

**INHALATION**
Not relevant.

**SKIN CONTACT**
May be irritating on protracted or repeated exposure.

**EYE CONTACT**
Smarting. Redness.

**INGESTION**
May cause discomfort.

### 12. ECOLOGICAL INFORMATION

**ECOTOXICITY**
Must not be released into the sewage system, drinking water supply or ground.

### 13. DISPOSAL CONSIDERATIONS

**GENERAL REGULATIONS**
Dispose of in accordance with Local Authority requirements. Contact supplier for disposal information.

### 14. TRANSPORT INFORMATION

**Classified as Dangerous Goods:**
- [ ] Yes
- [ ] No
- [ ] Not assessed

**UN No.:** 3268

**TRADE NAME AND DESCRIPTION**
**SAFETY DATA SHEET**

**MATERIAL SAFETY DATA SHEET**

Last changed: 15/07/2008

1517092, 1517093 SEAT BELT PRETENSIONERS

**ADR/RID**

Class: 9  
Packing group: III

Danger form: 9

**IMDG**

Class: 9  
Packing group: III

Sub Risk:  
EMS: F-B, S-X

**IATA**

Class: 9  
Packing group: III

Label: 9

**OTHER INFORMATION**

Packagings for UN 3268, class 9, shall be tested and approved according to "Test series 6 (c) of part I of the UN Manual of Tests and Criteria”. (Bonfire test)

**15. REGULATORY INFORMATION**

Explosive

EC-Label  
No ☐  Yes ☐  Not assessed ☒

**COMPOSITION**

cellulose nitrate, nitrocellulose, containing more than 12,6 % nitrogen (~ 90 %)

**R-PHRASES**

<table>
<thead>
<tr>
<th>Nr.</th>
<th>R-Phrase text</th>
</tr>
</thead>
<tbody>
<tr>
<td>R1</td>
<td>Explosive when dry.</td>
</tr>
<tr>
<td>R3</td>
<td>Extreme risk of explosion by shock, friction, fire or other sources of ignition.</td>
</tr>
</tbody>
</table>

**S-PHRASES**

S2 Keep out of the reach of children. S35 This material and its container must be disposed of in a safe way.

**16. OTHER INFORMATION**

ISSUED: 15/07/2008

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