SAFETY DATA SHEET
Universal Aerosol

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

PRODUCT NAME
Universal Aerosol

PRODUCT NO.
AE0160001E8 - AE01600013E8

APPLICATION
Intended for use as a spray applied coating for various substrates.

SUPPLIER
Rust-oleum Corporation
Portobello Industrial Estate
Birtley
County Durham
DH3 2RE

CONTACT PERSON
ian.mccormack@tor-coatings.com

2 HAZARDS IDENTIFICATION

Extremely flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. Irritating to eyes. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION

ENVIRONMENT
The product is not expected to be hazardous to the environment.

PHYSICAL AND CHEMICAL HAZARDS
The product is highly flammable, and explosive vapours/air mixtures may be formed even at normal room temperatures.

HUMAN HEALTH
In high concentrations, vapours and spray mists are narcotic and may cause headache, fatigue, dizziness and nausea. Risk of serious damage to eyes. Vapours/aerosol spray may irritate the respiratory system. Repeated exposure may cause skin dryness or cracking.

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>EC No.</th>
<th>CAS-No.</th>
<th>Content</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACETONE</td>
<td>200-662-2</td>
<td>67-64-1</td>
<td>10-30%</td>
<td>F; R11 Xi; R36 R66 R67</td>
</tr>
<tr>
<td>BUTYL ACETATE - norm</td>
<td>204-658-1</td>
<td>123-86-4</td>
<td>10-30%</td>
<td>R10 R66 R67</td>
</tr>
<tr>
<td>ISOBUTANE</td>
<td>200-857-2</td>
<td>75-28-5</td>
<td>5-10%</td>
<td>F+ R12</td>
</tr>
</tbody>
</table>
| Solvent Naphtha Light Aromatic            | 265-199-0 | 64742-95-6 | 1-5%   | Xn; R65. Xi; R37. N; R51/53. R66.
| 1,2,4-TRIMETHYLBENZENE                    | 202-436-9 | 95-63-6  | 1-5%    | R10 Xn; R20 Xn; R36/37/38 N; R51/53 |
| 2-METHOXY-1-METHYLETHYL ACETATE           | 203-603-9 | 108-65-6 | < 1%    | R10 Xi; R36                      |
| XYLENE                                    | 215-535-7 | 1330-20-7 | < 1%    | R10 Xn; R20/21 Xn; R38           |
| ETHYLBENZENE                              | 202-849-4 | 100-41-4 | < 1%    | F; R11 Xn; R20                   |
| CUMENE                                    | 202-704-5 | 98-82-8  | < 1%    | R10 Xn; R65 Xn; R37 N; R51/53    |
| MESITYLENE                                | 203-604-4 | 108-67-8 | < 1%    | R10 Xi; R37 N; R51/53            |
| BUTANOL-norm                              | 200-751-6 | 71-36-3  | < 1%    | R10 Xn; R22 Xn; R37/38; R41 R67  |
| Naphtha (Petroleum) Hydrotreated Heavy    | 265-150-3 | 64742-48-9 | < 1%   | Xn; R65. R10; R67, R52.         |
| Cobalt Carboxylate                        | 237-015-9 | 13586-82-8 | < 1%   | Xn; R22. Xi; R38. N; R51/53. R43. |

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

GENERAL INFORMATION
General first aid, rest, warmth and fresh air. Do not give victim anything to drink if they are unconscious. Get medical attention if any discomfort continues.

INHALATION
Place unconscious person on the side in the recovery position and ensure breathing. If respiratory problems, artificial respiration/oxygen. Get medical attention if any discomfort continues.
Universal Aerosol

INGESTION
Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and take these instructions.

SKIN CONTACT
Use appropriate hand lotion to prevent defatting and cracking of skin. Immediately remove contaminated clothing. Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water.

EYE CONTACT
Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention promptly if symptoms occur after washing.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
Fire can be extinguished using: Water spray, fog or mist. Foam, carbon dioxide or dry powder. Dry chemicals, sand, dolomite etc. Do not use water jet as an extinguisher, as this will spread the fire.

SPECIAL FIRE FIGHTING PROCEDURES
Use pressurised air mask if product is involved in a fire. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

UNUSUAL FIRE & EXPLOSION HAZARDS
Aerosol cans may explode in a fire. If heated, volume and pressure increases strongly, resulting in explosion of container.

SPECIFIC HAZARDS
Aerosol containers can explode when heated, due to excessive pressure build-up.

PROTECTIVE MEASURES IN FIRE
Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS
Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

SPILL CLEAN UP METHODS
Keep combustibles away from spilled material. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Wash thoroughly after dealing with a spillage.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS
Static electricity and formation of sparks must be prevented. Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Vapours are heavier than air and may spread near ground to sources of ignition.

STORAGE PRECAUTIONS
Flammable/combustible - Keep away from oxidisers, heat and flames. Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container. Avoid contact with oxidising agents.

STORAGE CLASS
Flammable liquid storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION
### Universal Aerosol

<table>
<thead>
<tr>
<th>Name</th>
<th>Std</th>
<th>TWA - 8 hrs</th>
<th>STEL - 15 min</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-METHOXY-1-METHYLETHYL ACETATE</td>
<td>WEL</td>
<td>50 ppm(Sk)</td>
<td>274 mg/m3(Sk)</td>
<td>100 ppm(Sk)</td>
</tr>
<tr>
<td>ACETONE</td>
<td>WEL</td>
<td>500 ppm</td>
<td>1210 mg/m3</td>
<td>1500 ppm</td>
</tr>
<tr>
<td>BUTANOL-norm</td>
<td>WEL</td>
<td></td>
<td>50 ppm(Sk)</td>
<td></td>
</tr>
<tr>
<td>BUTYL ACETATE -norm</td>
<td>WEL</td>
<td>150 ppm</td>
<td>724 mg/m3</td>
<td>200 ppm</td>
</tr>
<tr>
<td>CUMENE</td>
<td>WEL</td>
<td>25 ppm(Sk)</td>
<td>125 mg/m3(Sk)</td>
<td>50 ppm(Sk)</td>
</tr>
<tr>
<td>ETHYL BENZENE</td>
<td>WEL</td>
<td>100 ppm(Sk)</td>
<td>441 mg/m3(Sk)</td>
<td>125 ppm(Sk)</td>
</tr>
<tr>
<td>NAPHTHA (Petroleum) Hydrotreated Heavy</td>
<td>OES</td>
<td>600 ppm</td>
<td>750 ppm</td>
<td></td>
</tr>
<tr>
<td>XYLENE</td>
<td>WEL</td>
<td>50 ppm(Sk)</td>
<td>220 mg/m3(Sk)</td>
<td>100 ppm(Sk)</td>
</tr>
</tbody>
</table>

WEL = Workplace Exposure Limit.

### Protective Equipment

#### Engineering Measures
- Provide eyewash station.
- Provide adequate ventilation, including appropriate local extraction, to ensure that the defined workplace exposure limit is not exceeded.
- All handling to take place in well-ventilated area.

#### Respiratory Equipment
- Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of vapours. At work in confined or poorly ventilated spaces, respiratory protection with air supply must be used. Wear mask supplied with: Gas cartridge suitable for organic substances.

#### Hand Protection
- For prolonged or repeated skin contact use suitable protective gloves. Use protective gloves made of: Neoprene. Nitrile. Rubber (natural, latex).

#### Eye Protection
- Wear splash-proof eye goggles to prevent any possibility of eye contact.

#### Hygiene Measures
- DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

### Physical and Chemical Properties

#### Appearance
- Aerosol

#### Colour
- Misc. colours

#### Odour
- Characteristic

#### Solubility
- Slightly soluble in water.

#### Relative Density
- 0.76

#### Flash Point (°C)
- < -17 CC (Closed cup)

#### Flammability Limit - Lower (%)
- 0.8

#### Flammability Limit - Upper (%) 13
- Volatile Organic Compound 650 (VOC)

### Stability and Reactivity

#### Stability
- No particular stability concerns.
Universal Aerosol

CONDITIONS TO AVOID
Avoid heat, flames and other sources of ignition. Avoid contact with strong oxidisers.

HAZARDOUS DECOMPOSITION PRODUCTS
Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

11 TOXICOLOGICAL INFORMATION

GENERAL INFORMATION
Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

INHALATION
In high concentrations, vapours may irritate throat and respiratory system and cause coughing. In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea.

INGESTION
Gastrointestinal symptoms, including upset stomach.

SKIN CONTACT
Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Irritating to skin.

EYE CONTACT
Irritation of eyes and mucous membranes.

12 ECOLOGICAL INFORMATION

ECOTOXICITY
The product is not expected to be hazardous to the environment.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION
Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

DISPOSAL METHODS
Dispose of waste and residues in accordance with local authority requirements. Make sure containers are empty before discarding (explosion risk). Absorb in vermiculite or dry sand, dispose in licensed hazardous waste.

14 TRANSPORT INFORMATION

UK ROAD CLASS 2
PROPER SHIPPING NAME AEROSOLS
UN NO. ROAD 1950
ADR CLASS NO. 2
ADR PACK GROUP N/A
ADR LABEL NO. 2.1
RID CLASS NO. 2
UN NO. SEA 1950
IMDG PAGE NO. 3
EMS F-D, S-U
MARINE POLLUTANT No.
AIR CLASS 2.1

15 REGULATORY INFORMATION

LABELLING
Universal Aerosol

RISK PHRASES

R12 Extremely flammable.
R36 Irritating to eyes.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

SAFETY PHRASES

S2 Keep out of the reach of children
S9 Keep container in a well-ventilated place.
S16 Keep away from sources of ignition - No smoking.
S23 Do not breathe vapour/spray.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S51 Use only in well-ventilated areas.
P14 Contains Cobalt Carboxylate. May produce an allergic reaction.
T1 Special Precautions should be taken during the surface preparation of pre 1960's paint surfaces over wood and metal as they may contain harmful lead. When dry-sanding, avoid dust inhalation by wearing a suitable protective face mask. For further information contact our Technical Services Department
A1 Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
A2 Do not spray on a naked flame or any incandescent material.

UK REGULATORY REFERENCES
Highly Flammable Liquid Regulations 1972.

EU DIRECTIVES
System of specific information relating to Dangerous Preparations. 2001/58/EC. Dangerous Preparations Directive 1999/45/EC.

APPROVED CODE OF PRACTICE
Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

NATIONAL REGULATIONS

16 OTHER INFORMATION

INFORMATION SOURCES
Croner's Emergency Spillage Guide Croner's Emergency First Aid Guide Croner's Substances Hazardous to Health

REVISION COMMENTS
This is first issue.

ISSUED BY
I McCormack

REVISION DATE 25/02/2009
REV. NO./REPL. SDS GENERATED 2
Universal Aerosol

RISK PHRASES IN FULL
R10 Flammable.
R11 Highly flammable.
R12 Extremely flammable.
R20 Harmful by inhalation.
R20/21 Harmful by inhalation and in contact with skin.
R22 Harmful if swallowed.
R36 Irritating to eyes.
R36/37/38 Irritating to eyes, respiratory system and skin.
R37 Irritating to respiratory system.
R37/38 Irritating to respiratory system and skin.
R38 Irritating to skin.
R41 Risk of serious damage to eyes.
R43 May cause sensitisation by skin contact.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52 Harmful to aquatic organisms.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

DISCLAIMER
This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.