SAFETY DATA SHEET
Wickes Radiator and Appliance Spray

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME Wickes Radiator and Appliance Spray
PRODUCT NO. 602109
APPLICATION Speciality Paint
SUPPLIER Plasti-Kote Ltd.
PO Box 867,
Pampisford,
Cambridge,
CB2 4XP
44 (0) 1223 836400
44 (0) 1223 836686

2 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>EC No.</th>
<th>CAS-No.</th>
<th>Content</th>
<th>Classification</th>
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</thead>
<tbody>
<tr>
<td>ACETONE</td>
<td>200-662-2</td>
<td>67-64-1</td>
<td>30-60%</td>
<td>F;R11 X;R36 R66 R67</td>
</tr>
<tr>
<td>BUTANE</td>
<td>203-448-7</td>
<td>106-97-8</td>
<td>5-10%</td>
<td>F;R12</td>
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<tr>
<td>BUTANONE</td>
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<td>78-93-3</td>
<td>1-5%</td>
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<tr>
<td>DIBUTYL PHTHALATE: DBP</td>
<td>201-557-4</td>
<td>84-74-2</td>
<td>&lt; 1%</td>
<td>Repr2;R61 Repr3;R62 N;R50</td>
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<tr>
<td>ETHYL 3-ETHOXY PROPIONATE</td>
<td>212-112-9</td>
<td>763-69-9</td>
<td>1-5%</td>
<td>Xi;R36.</td>
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<td>ETHYL ACETATE</td>
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<td>141-78-6</td>
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<tr>
<td>ETHYLBENZENE</td>
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<td>100-41-4</td>
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<td>F;R11 Xn;R20</td>
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<tr>
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<td>F;R12</td>
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<tr>
<td>PROPAN-2-OL</td>
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<tr>
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<td>1330-20-7</td>
<td>10-30%</td>
<td>R10 Xn;R20/21 Xi;R38</td>
</tr>
</tbody>
</table>

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

3 HAZARDS IDENTIFICATION

Extremely flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. Irritating to eyes.
CLASSIFICATION Xi;R36. F;R12. R66, R67.
ENVIRONMENT
The product is not expected to be hazardous to the environment.
PHYSICAL AND CHEMICAL HAZARDS
Pressurised container: Must not be exposed for temperatures above 50°C. The product is extremely flammable, and explosive vapour/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.

4 FIRST-AID MEASURES
Wickes Radiator and Appliance Spray

GENERAL INFORMATION
Move the exposed person to fresh air at once.

INHALATION
Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION
Immediately rinse mouth and provide fresh air. Do not induce vomiting. Get medical attention if any discomfort continues.

SKIN CONTACT
Wash skin with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT
Immediately rinse with water. Continue to rinse for at least 15 minutes. Make sure to remove any contact lenses from the eyes before rinsing. Get medical attention promptly if symptoms occur after washing.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
Water spray, foam, dry powder or carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES
Use water spray to reduce vapours. Aerosol cans may explode in a fire. Cool aerosol containers exposed to heat with water spray and remove container, if no risk is involved.

UNUSUAL FIRE & EXPLOSION HAZARDS
Extremely flammable. Forms explosive mixtures with air. May explode in a fire. Vapours are heavier than air and may spread near ground to sources of ignition.

SPECIFIC HAZARDS
Pressurised container: Must not be exposed for temperatures above 50°C.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.

ENVIRONMENTAL PRECAUTIONS
Avoid discharge into drains.

SPILL CLEAN UP METHODS
Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Provide ventilation and confine spill. Do not allow runoff to sewer.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS
Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations. Avoid inhalation of vapours and spray mists. Do not spray on a naked flame or any incandescent material. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

STORAGE PRECAUTIONS
Extremely flammable. Store at moderate temperatures in dry, well ventilated area. Keep away from heat, sparks and open flame. Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION
Wickes Radiator and Appliance Spray

<table>
<thead>
<tr>
<th>Name</th>
<th>Std</th>
<th>LT - ppm</th>
<th>LT - mg/m³</th>
<th>ST - ppm</th>
<th>ST - mg/m³</th>
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<tbody>
<tr>
<td>BUTANE</td>
<td>WEL</td>
<td>600</td>
<td>1450</td>
<td>750</td>
<td>1810</td>
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<td>WEL</td>
<td>50</td>
<td>220</td>
<td>100</td>
<td>441</td>
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<td>ETHYL BENZENE</td>
<td>WEL</td>
<td>100</td>
<td>441</td>
<td>125</td>
<td>552</td>
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<td>PROPAN-2-OL</td>
<td>WEL</td>
<td>400</td>
<td>999</td>
<td>500</td>
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<td>WEL</td>
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<td>1210</td>
<td>1500</td>
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<td>899</td>
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<tr>
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<td>WEL</td>
<td>200</td>
<td>400</td>
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<td></td>
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<tr>
<td>ISOBUTANE</td>
<td>WEL</td>
<td>800</td>
<td>1930</td>
<td>No std.</td>
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<td>DIBUTYL PHTHALATE: DBP</td>
<td>WEL</td>
<td></td>
<td>5</td>
<td>10</td>
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<tr>
<td>ETHYL 3-ETHOXY PROPIONATE</td>
<td>HIL</td>
<td>100</td>
<td>50</td>
<td></td>
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</tr>
</tbody>
</table>

**RESPIRATORY EQUIPMENT**

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit. In case of inadequate ventilation use suitable respirator.

**HAND PROTECTION**

For prolonged or repeated skin contact use suitable protective gloves.

**EYE PROTECTION**

Wear approved chemical safety goggles where eye exposure is reasonably probable.

**HYGIENE MEASURES**

When using do not eat, drink or smoke. Wash promptly if skin becomes wet or contaminated.

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**9 PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE**  Aerosol
**COLOUR**  Varying
**ODOUR**  of solvents

**PHYSICAL DATA COMMENTS**

Information given concerns the major ingredient. 23 Flammable gas.

**FLASH POINT (°C)**  <-40°C
**AUTO IGNITION TEMPERATURE (°C)**  410-580

**FLAMMABILITY LIMIT - LOWER(%)**  1.8%
**FLAMMABILITY LIMIT - UPPER(%)**  9.5%

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**10 STABILITY AND REACTIVITY**

**STABILITY**

Highly volatile.

**CONDITIONS TO AVOID**

Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.

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**11 TOXICOLOGICAL INFORMATION**

**SKIN CONTACT**

Skin irritation is not anticipated when used normally. Repeated exposure may cause skin dryness or cracking.

**EYE CONTACT**

Irritating to eyes. Spray and vapour in the eyes may cause irritation and smarting.

**HEALTH WARNINGS**

In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea. Arrhythmia, (deviation from normal heart beat).
Wickes Radiator and Appliance Spray

ROUTE OF ENTRY
Inhalation.

TARGET ORGANS
Central nervous system. Respiratory system, lungs.

MEDICAL SYMPTOMS
Narcotic effect. Vapours may cause drowsiness and dizziness.

12 ECOLOGICAL INFORMATION

ECOTOXICITY
The product is not expected to be toxic to aquatic organisms. Do not allow to enter drains, sewers or watercourses.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS
Make sure containers are empty before discarding (explosion risk). Do not puncture or incinerate even when empty. Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

UK ROAD CLASS 2, 5F
PROPER SHIPPING NAME AEROSOLS
UN NO. ROAD 1950
ADR CLASS NO. 2, 5F
ADR PACK GROUP #
CEFIC TEC(R) NO. 20G5F
RID PACK GROUP #
RID NO. SEA 1950
IMDG CLASS 2
IMDG PACK GR. #
MFAG See Guide
UN NO. AIR 1950
AIR SUB CLASS 2.1
AIR CLASS 2
AIR PACK GR. #

15 REGULATORY INFORMATION

LABELLING
Irritant
Extremely Flammable

RISK PHRASES
R12 Extremely flammable.
R36 Irritating to eyes.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.
Wickes Radiator and Appliance Spray

SAFETY PHRASES

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.
S2 Keep out of the reach of children
S16 Keep away from sources of ignition - No smoking.
S23 Do not breathe vapour/spray.
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S51 Use only in well-ventilated areas.

UK REGULATORY REFERENCES
EU DIRECTIVES
Dangerous Preparations Directive 1999/45/EEC. Aerosol directive 75/324/EEC as amended by 94/01/EEC.
STATUTORY INSTRUMENTS
APPROVED CODE OF PRACTICE

16 OTHER INFORMATION

REVISION DATE 9th November 2006
DATE 5th May 2004

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.
R36 Irritating to eyes.
R38 Irritating to skin.
R50 Very toxic to aquatic organisms.
R61 May cause harm to the unborn child.
R62 Possible risk of impaired fertility.
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.