SAFETY DATA SHEET
Metallic Bronze

According to Regulation (EC) No 1907/2006

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

PRODUCT NAME
Metallic Bronze

PRODUCT NO.
A4400

APPLICATION
Speciality Paint

SUPPLIER
Plasti-Kote Ltd.
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Pampisford,
Cambridge,
CB22 3XP
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F: +44 (0) 1223 836686
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2 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.

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>30-60%</td>
<td>F;R11 Xi;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>
</tr>
<tr>
<td>ETHYL 3-ETHOXY PROPYLATE</td>
<td>212-112-9</td>
<td>763-69-9</td>
<td>5-10%</td>
<td>Xi;R36.</td>
</tr>
<tr>
<td>IRON OXIDE PIGMENT</td>
<td>1309-37-1</td>
<td></td>
<td>&lt; 1%</td>
<td>-</td>
</tr>
<tr>
<td>ISOBUTYL ACETATE</td>
<td>203-745-1</td>
<td>110-19-0</td>
<td>10-30%</td>
<td>F;R11 R66</td>
</tr>
<tr>
<td>SOLVENT NAPHTHA, MEDIUM ALIPHATIC</td>
<td>265-191-7</td>
<td>64742-88-7</td>
<td>&lt; 1%</td>
<td>Xi;R65.</td>
</tr>
</tbody>
</table>

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

4 FIRST-AID MEASURES

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

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
## Metallic Bronze

<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>
</tr>
</thead>
<tbody>
<tr>
<td>ACETONE</td>
<td>WEL</td>
<td>500 ppm</td>
<td>1210 mg/m³</td>
<td>1500 ppm</td>
<td>3620 mg/m³</td>
</tr>
<tr>
<td>BUTANE</td>
<td>WEL</td>
<td>600 ppm</td>
<td>1450 mg/m³</td>
<td>750 ppm</td>
<td>1810 mg/m³</td>
</tr>
<tr>
<td>IRON OXIDE PIGMENT</td>
<td>WEL</td>
<td>600 ppm</td>
<td>1450 mg/m³</td>
<td>750 ppm</td>
<td>1810 mg/m³</td>
</tr>
<tr>
<td>ISOBUTYL ACETATE</td>
<td>WEL</td>
<td>150 ppm</td>
<td>724 mg/m³</td>
<td>187 ppm</td>
<td>903 mg/m³</td>
</tr>
<tr>
<td>SOLVENT NAPHTHA, MEDIUM ALIPHATIC</td>
<td>SUP</td>
<td>600 mg/m³</td>
<td></td>
<td></td>
<td></td>
</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.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE
Aerosol

### COLOUR
Varying

### ODOR
Of solvents

### PHYSICAL DATA
Information given concerns the major ingredient. 23 Flammable gas.

### COMMENTS

<table>
<thead>
<tr>
<th>FLASH POINT (°C)</th>
<th>AUTO IGNITION TEMPERATURE (°C)</th>
<th>FLAMMABILITY LIMIT - LOWER(%)</th>
<th>FLAMMABILITY LIMIT - UPPER(%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;-40°C</td>
<td>410-580</td>
<td>1.8%</td>
<td>9.5%</td>
</tr>
</tbody>
</table>

## 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.

## 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).

### ROUTE OF ENTRY
Inhalation.

### TARGET ORGANS
Central nervous system. Respiratory system, lungs.

### MEDICAL SYMPTOMS
Narcotic effect. Vapours may cause drowsiness and dizziness.
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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 #
IMDG CLASS 2
IMDG PACK GR. #
MARINE POLLUTANT No.
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.

SAFETY PHRASES
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.
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S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S51 Use only in well-ventilated areas.

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

EU DIRECTIVES

STATUTORY INSTRUMENTS

APPROVED CODE OF PRACTICE

16 OTHER INFORMATION

REVISION DATE 06-02-2008
DATE 6th February 2008

RISK PHRASES IN FULL
NC Not classified.
R11 Highly flammable.
R12 Extremely flammable.
R36 Irritating to eyes.
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.