



# OCTI-TECH

“innovating surfaces for custom decoration”

## SAFETY DATA SHEET

Octi-Tech Limited - Digi-Coating UV Protection Coating DC-UV400 400ml  
Aerosol

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

|              |  |
|--------------|--|
| PRODUCT NAME | Octi-Tech Limited - Digi-Coating UV Protection Coating DC-UV400 400ml Aerosol  |
| PRODUCT NO.  | 1813   |
| SUPPLIER     | Octi-Tech Ltd<br>Unit 13a Provincial Park<br>Nether Lane<br>Ecclesfield<br>Sheffield<br>S35 9ZX<br>Tel. +44 (0)114 245 44 94<br>(Hours 09:00 - 17:00 Mon to Fri)<br>Fax. +44 (0)114 246 77 00<br>sales@octi-tech.com |

### 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.

#### 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

| Name                | EC No.    | CAS-No.  | Content | Classification               |
|---------------------|-----------|----------|---------|------------------------------|
| ACETONE             | 200-662-2 | 67-64-1  | 10-30%  | F;R11 Xi;R36 R66 R67         |
| BUTANOL-norm        | 200-751-6 | 71-36-3  | 1-5%    | R10 Xn;R22 Xi;R37/38,R41 R67 |
| BUTANONE            | 201-159-0 | 78-93-3  | 1-5%    | F;R11 Xi;R36 R66 R67         |
| BUTYL ACETATE -norm | 204-658-1 | 123-86-4 | 5-10%   | R10 R66 R67                  |
| DIMETHYL ETHER      | 204-065-8 | 115-10-6 | 30-60%  | F+;R12                       |
| PROPAN-2-OL         | 200-661-7 | 67-63-0  | 1-5%    | F;R11 Xi;R36 R67             |

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.

#### 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.

#### SKIN CONTACT

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

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## 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

| Name                | Std | TWA - 8 hrs    |                               | STEL - 15 min  |                               | Notes |
|---------------------|-----|----------------|-------------------------------|----------------|-------------------------------|-------|
| ACETONE             | WEL | 500 ppm        | 1210 mg/m <sup>3</sup>        | 1500 ppm       | 3620 mg/m <sup>3</sup>        |       |
| BUTANOL-norm        | WEL |                |                               | 50 ppm(Sk)     | 154<br>mg/m <sup>3</sup> (Sk) |       |
| BUTANONE            | WEL | 200<br>ppm(Sk) | 600<br>mg/m <sup>3</sup> (Sk) | 300<br>ppm(Sk) | 899<br>mg/m <sup>3</sup> (Sk) |       |
| BUTYL ACETATE -norm | WEL | 150 ppm        | 724 mg/m <sup>3</sup>         | 200 ppm        | 966 mg/m <sup>3</sup>         |       |
| DIMETHYL ETHER      | WEL | 400 ppm        | 766 mg/m <sup>3</sup>         | 500 ppm        | 958 mg/m <sup>3</sup>         |       |
| PROPAN-2-OL         | WEL | 400 ppm        | 999 mg/m <sup>3</sup>         | 500 ppm        | 1250 mg/m <sup>3</sup>        |       |

WEL = Workplace Exposure Limit.

### 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.

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## 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                        | Clear              |                                |     |
| ODOUR                         | of solvents        |                                |     |
| SOLUBILITY                    | Insoluble in water |                                |     |
| FLASH POINT (°C)              | -41                | AUTO IGNITION TEMPERATURE (°C) | 235 |
| FLAMMABILITY LIMIT - LOWER(%) | 1.2                | FLAMMABILITY LIMIT - UPPER(%)  | 18  |

## 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

Repeated exposure may cause skin dryness or cracking.

### EYE CONTACT

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. Skin absorption.

### 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.

## 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        |                  |     |
| PROPER SHIPPING NAME | AEROSOLS |                  |     |
| UN NO. ROAD          | 2950     | UK ROAD PACK GR. | N/A |

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|                  |           |                  |                |
|------------------|-----------|------------------|----------------|
| ADR CLASS NO.    | 2         | ADR CLASS        | Class 2: Gases |
| ADR PACK GROUP   | N/A       | ADR LABEL NO.    | 2.1            |
| CEFIC TEC(R) NO. | 20G5F     | RID CLASS NO.    | 2              |
| RID PACK GROUP   | N/A       | UN NO. SEA       | 1950           |
| IMDG CLASS       | 2         | EMS              | F-D, S-U       |
| MFAG             | See Guide | MARINE POLLUTANT | No.            |
| UN NO. AIR       | 1950      | AIR CLASS        | 2              |
| AIR SUB CLASS    | 2.1       | AIR PACK GR.     | N/A            |

### 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.  |
| S26    | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  |
| S51    | Use only in well-ventilated areas.   |
| U2     | Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. |
| U3     | Do not spray on a naked flame or any incandescent material.  |

#### UK REGULATORY REFERENCES

Health and Safety at Work Act 1974. Chemicals (Hazard Information & Packaging) Regulations. The Control of Substances Hazardous to Health Regulations 1988.

#### EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC.

#### STATUTORY INSTRUMENTS

Control of Substances Hazardous to Health.

#### APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

### 16 OTHER INFORMATION

|                              |            |
|------------------------------|------------|
| REVISION DATE                | 26/08/2009 |
| REV. NO./REPL. SDS GENERATED | 8          |

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## RISK PHRASES IN FULL

|        |   |
|--------|---|
| R10    | Flammable.  |
| R11    | Highly flammable.                                     |
| R12    | Extremely flammable.                                  |
| R22    | Harmful if swallowed.                                 |
| R36    | Irritating to eyes.                                   |
| R37/38 | Irritating to respiratory system and skin.            |
| R41    | Risk of serious damage to eyes.                       |
| R66    | Repeated exposure may cause skin dryness or cracking. |
| R67    | Vapours may cause drowsiness and dizziness.           |

## DISCLAIMER

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