



OCTI-TECH

“innovating surfaces for custom decoration”

SAFETY DATA SHEET

Octi -Tech Limited - Digi-Coat Clear Sublimation Coating DC-SC400ml
Aerosol

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

PRODUCT NAME Octi -Tech Limited - Digi-Coat Clear Sublimation Coating DC-SC400ml
Aerosol
PRODUCT NO. 1811
SUPPLIER Octi-Tech Ltd
Unit 13a Provincial Park
Nether Lane
Ecclesfield
Sheffield
S35 9ZX
Tel. +44 (0)114 245 44 94
(Hours 09:00 - 17:00 Mon to Fri)
Fax. +44 (0)114 246 77 00
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
2-(2-BUTOXYETHOXY)ETHANOL	203-961-6	112-34-5	1-5%	Xi;R36
ACETONE	200-662-2	67-64-1	10-30%	F;R11 Xi;R36 R66 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
XYLENE	215-535-7	1330-20-7	5-10%	R10 Xn;R20/21 Xi;R38

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.

Octi -Tech Limited - Digi-Coat Clear Sublimation Coating DC-SC400ml Aerosol

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
2-(2-BUTOXYETHOXY)ETHANOL	WEL	10 ppm 67.5 mg/m ³	15 ppm 101.2 mg/m ³	
ACETONE	WEL	500 ppm 1210 mg/m ³	1500 ppm 3620 mg/m ³	
BUTANONE	WEL	200 ppm(Sk) 600mg/m ³ (Sk)	300ppm(Sk) 899mg/m ³ (Sk)	
BUTYL ACETATE -norm	WEL	150 ppm 724 mg/m ³	200 ppm 966 mg/m ³	
DIMETHYL ETHER	WEL	400 ppm 766 mg/m ³	500 ppm 958 mg/m ³	
XYLENE	WEL	50 ppm(Sk) 220mg/m ³ (Sk)	100 ppm(Sk) 441mg/m ³ (Sk)	

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.

Octi -Tech Limited - Digi-Coat Clear Sublimation Coating DC-SC400ml Aerosol

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(%)	1.1	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.

Octi -Tech Limited - Digi-Coat Clear Sublimation Coating DC-SC400ml Aerosol

14 TRANSPORT INFORMATION

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



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.

Octi -Tech Limited - Digi-Coat Clear Sublimation Coating DC-SC400ml
Aerosol

16 OTHER INFORMATION

REVISION DATE 06/10/2009

REV. NO./REPL. SDS GENERATED 5

RISK PHRASES IN FULL

R10 Flammable.

R11 Highly flammable.

R12 Extremely flammable.

R20/21 Harmful by inhalation and in contact with skin.

R36 Irritating to eyes.

R38 Irritating to skin.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.