

# SAFETY DATA SHEET Fluorescent Paints

According to Regulation (EC) No 1907/2006

#### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

# 1.1. Product identifier

Product name Fluorescent Paints

# 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Speciality Paint

**Uses advised against** Must not be handled in confined space without sufficient ventilation.

#### 1.3. Details of the supplier of the safety data sheet

**Supplier** Plasti-Kote Ltd.

PO Box 867, Pampisford, Cambridge, CB22 3XP

T: 44 (0) 1223 836400 F: 44 (0) 1223 836686 sds@plasti-kote.co.uk

#### 1.4. Emergency telephone number

+44(0)1223 836400 (08:30am to 16:00pm Monday-Friday)

# **SECTION 2: HAZARDS IDENTIFICATION**

# 2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Xi;R36. F+;R12. R66, R67.

# Human health

In high concentrations, vapours and spray mists are narcotic and may cause headache, fatigue, dizziness and nausea. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Spray and vapour in the eyes may cause irritation and smarting.

## **Environment**

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

# **Physical and Chemical Hazards**

The product is extremely flammable, and explosive vapour/air mixtures may be formed even at normal room temperatures. Containers can burst violently when heated, due to excess pressure build-up.

## 2.2. Label elements

# Labelling



**R67** 



Extremely flammable

**Risk Phrases** 

R12 Extremely flammable.
R36 Irritating to eyes.

R66 Repeated exposure may cause skin dryness or cracking.

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.

Do not breathe vapour/spray. S23

S26 In case of contact with eyes, rinse immediately with plenty of water

and seek medical advice.

S51 Use only in well-ventilated areas. Avoid contact with skin and eyes. S24/25

Α1 Pressurized container: protect from sunlight and do not expose to

temperatures exceeding 50°C. Do not pierce or burn, even after

5-10%

use.

A2 Do not spray on a naked flame or any incandescent material.

# 2.3. Other hazards

This product does not contain any PBT or vPvB substances.

#### **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

# 3.2. Mixtures

ACETONE			25-50%
CAS-No.: 67-64-1	EC No.: 200-662-2		
Classification (EC 1272/2008)		Classification (67/548/EEC)	
Flam. Liq. 2 - H225		F;R11	
EUH066		Xi;R36	
Eye Irrit. 2 - H319		R66	
STOT SE 3 - H336		R67	

BUTANE			10-15%
CAS-No.: 106-97-8	EC No.: 203-448-7		
Substance with National workpla			
	•		
Classification (EC 1272/2008) Flam. Gas 1 - H220		Classification (67/548/EEC) F+;R12	

CAS-No.: 78-93-3	EC No.: 201-159-0		
Classification (EC 1272/2008)		Classification (67/548/EEC)	
Flam. Liq. 2 - H225		F;R11	
EUH066		Xi;R36	
Eye Irrit. 2 - H319		R66	
STOT SE 3 - H336		R67	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

# **SECTION 4: FIRST AID MEASURES**

# 4.1. Description of first aid measures

# Inhalation

**BUTANONE** 

Move the exposed person to fresh air at once. Place unconscious person on the side in the recovery position and ensure breathing can take place. 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

Spray in the eyes: Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

# 4.2. Most important symptoms and effects, both acute and delayed

#### **General information**

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

#### Inhalation.

Vapours may cause headache, fatigue, dizziness and nausea. In case of overexposure, organic solvents may depress the central nervous system causing dizziness and intoxication, and at very high concentrations unconsciousness and death.

#### Ingestion

Due to the physical nature of this material it is unlikely that swallowing will occur. May cause nausea, headache, dizziness and intoxication.

#### Skin contact

Prolonged or repeated contact with skin may cause redness, itching, irritation and eczema/chapping.

#### Eye contact

Irritation of eyes and mucous membranes.

#### 4.3. Indication of any immediate medical attention and special treatment needed

No specific chemical antidote is known to be required after exposure to this product. Treat Symptomatically.

#### **SECTION 5: FIREFIGHTING MEASURES**

#### 5.1. Extinguishing media

# Extinguishing media

Extinguish with foam, carbon dioxide, dry powder or water fog.

#### Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

# 5.2. Special hazards arising from the substance or mixture

## **Hazardous combustion products**

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

#### **Unusual Fire & Explosion Hazards**

Aerosol cans may explode in a fire. The product is extremely flammable, and explosive vapour/air mixtures may be formed even at normal room temperatures. Vapours are heavier than air and may spread near ground to sources of ignition.

#### Specific hazards

Pressurised container: Must not be exposed to temperatures above 50°C.

# 5.3. Advice for firefighters

#### **Special Fire Fighting Procedures**

Cool aerosol containers exposed to heat with water spray and remove container, if no risk is involved. Use water spray to reduce vapours.

# Protective equipment for fire-fighters

Wear full protective clothing. Use air-supplied respirator during fire fighting.

# **SECTION 6: ACCIDENTAL RELEASE MEASURES**

#### 6.1. Personal precautions, protective equipment and emergency procedures

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Avoid inhalation of vapours and aerosol spray. In case of inadequate ventilation use suitable respirator. Avoid contact with skin and eyes.

#### 6.2. Environmental precautions

Exposure to aquatic environment unlikely. Avoid discharge into drains.

# 6.3. Methods and material for containment and cleaning up

Ventilate well. Clean contaminated area with oil-removing material.

# 6.4. Reference to other sections

For personal protection, see section 8. See section 11 for additional information on health hazards. For waste disposal, see section 13.

# **SECTION 7: HANDLING AND STORAGE**

#### 7.1. Precautions for safe handling

Read and follow manufacturer's recommendations. During application and drying, solvent vapours will be emitted. Avoid inhalation of vapours and spray mists. Keep away from heat, sparks and open flame. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

#### 7.2. Conditions for safe storage, including any incompatibilities

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Keep away from heat, sparks and open flame. Store in a cool and well-ventilated place.

# 7.3. Specific end use(s)

Paint.

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## 8.1. Control parameters

Name	STD	TWA	- 8 Hrs	STEL -	- 15 Min	Notes
ACETONE	WEL	500 ppm	1210 mg/m3	1500 ppm	3620 mg/m3	
BUTANE	WEL	600 ppm	1450 mg/m3	750 ppm	1810 mg/m3	
BUTANONE	WEL	200 ppm	600 mg/m3	300 ppm	899 mg/m3	Sk

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through skin.

# 8.2. Exposure controls

#### **Protective equipment**



# **Engineering measures**

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

## Respiratory equipment

Must not be handled in confined space without sufficient ventilation. If ventilation is insufficient, suitable respiratory protection must be provided. Contains low-boiling liquids. Use an air-supplied respirator, if necessary.

# **Hand protection**

Skin irritation is not anticipated when used normally. For prolonged or repeated skin contact use suitable protective gloves. Use protective gloves made of: Butyl rubber. Nitrile. (conforming to standard EN 388) Be aware that the liquid may penetrate the gloves. Frequent change is advisable.

#### Eye protection

Wear approved chemical safety goggles where eye exposure is reasonably probable. (conforming to standard EN 166)

# Hygiene measures

When using do not eat, drink or smoke. Wash promptly with soap & water if skin becomes contaminated. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove non-impervious clothing that becomes contaminated.

# Thermal hazards

Contains petroleum gas, liquefied. Contact with liquid form may cause frostbite.

#### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

#### 9.1. Information on basic physical and chemical properties

AppearanceAerosol.ColourMisc. colours.OdourOrganic solvents.

**Solubility** Immiscible with water Soluble in: Organic solvents.

Initial boiling point and boiling -42 °C - 0 °C @ 760 mm Hg

range

(petroleum gas)

Melting point (°C)

Not available.

Technically not feasible.

~ 0.85 Relative density Vapour density (air=1) >1

Vapours are heavier than air and may spread near ground to sources of ignition.

> 1000 mbar @ 20 °C Vapour pressure

(petroleum gas)

**Evaporation rate** 

No information available.

The product contains volatile organic compounds (VOC) which will evaporate easily from all

surfaces.

**Viscosity** 

No information available.

**Decomposition temperature (°C)** 

No information available.

< -60°C CC (Closed cup). Flash point

(petroleum gas)

~ 450 °C **Auto Ignition Temperature (°C)** 

(petroleum gas)

Flammability Limit - Lower(%)

(petroleum gas)

Flammability Limit - Upper(%) 10 %

(petroleum gas)

**Partition Coefficient** (N-Octanol/Water)

Not available.

**Explosive properties** 

Not considered to be explosive. Explosive under influence of flame.

The product is extremely flammable, and explosive vapour/air mixtures may be formed even at normal room temperatures.

**Oxidising properties** 

Does not meet the criteria for oxidising.

9.2. Other information

**Volatility Description** Highly volatile.

## **SECTION 10: STABILITY AND REACTIVITY**

# 10.1. Reactivity

No specific reactivity hazards associated with this product.

# 10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

# 10.3. Possibility of hazardous reactions

Not applicable.

#### **Hazardous Polymerisation**

Will not polymerise.

# 10.4. Conditions to avoid

When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited. Avoid heat, flames and other sources of ignition. Aerosol containers can explode when heated, due to excessive pressure build-up. Avoid exposure to high temperatures or direct sunlight.

# 10.5. Incompatible materials

#### **Materials To Avoid**

Strong oxidising substances.

# 10.6. Hazardous decomposition products

None at ambient temperatures. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

#### **SECTION 11: TOXICOLOGICAL INFORMATION**

## 11.1. Information on toxicological effects

#### **Acute toxicity:**

Based on available data the classification criteria are not met.

#### Skin Corrosion/Irritation:

Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

# Serious eye damage/irritation:

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

#### Respiratory or skin sensitisation:

There is no evidence that the material can lead to respiratory hypersensitivity. Based on available data the classification criteria are not met. Not Sensitising.

#### **Germ cell mutagenicity:**

Does not contain any substances known to be mutagenic.

# **Carcinogenicity:**

Does not contain any substances known to be carcinogenic.

#### **Reproductive Toxicity:**

Does not contain any substances known to be toxic to reproduction.

#### **Specific target organ toxicity - single exposure:**

STOT SE 3 Central nervous system depression including narcotic effects such as drowsiness, narcosis, reduced alertness, loss of reflexes, lack of coordination and vertigo.

# Specific target organ toxicity - repeated exposure:

Not classified as a specific target organ toxicant after repeated exposure.

# **Aspiration hazard:**

Not relevant, due to the form of the product.

<u>Toxicological information on ingredients.</u>

**ACETONE (CAS: 67-64-1)** 

#### **Acute toxicity:**

# **Acute Toxicity (Oral LD50)**

5800 mg/kg Rat

Based on available data the classification criteria are not met.

# **Acute Toxicity (Dermal LD50)**

> 15800 mg/kg Rabbit

Based on available data the classification criteria are not met.

#### **Acute Toxicity (Inhalation LC50)**

76 mg/l (vapours) Rat 4 hours

Based on available data the classification criteria are not met.

#### **Skin Corrosion/Irritation:**

#### Dose

0.01 ml 3 day Guinea Pig

#### Erythema\eschar score

No erythema (0).

#### Oedema score

No oedema (0).

May cause defatting of the skin, but is not an irritant. Based on available data the classification criteria are not met.

#### Extreme pH.

Moderate pH ( > 2 and < 11.5).

Non Corrosive to skin.

#### Serious eye damage/irritation:

Draize test: Irritating to eyes.

# Respiratory or skin sensitisation:

# Respiratory sensitisation

Guinea Pig

Guinea pig maximization test (GPMT):

Not sensitising. Based on available data the classification criteria are not met.

# Skin sensitisation

Guinea pig maximization test (GPMT): Guinea Pig

Not Sensitising.

# Germ cell mutagenicity:

# **Genotoxicity - In Vitro**

**Bacterial Reverse Mutation Test** 

Negative.

Based on available data the classification criteria are not met. This substance has no evidence of mutagenic properties.

#### Carcinogenicity:

#### Carcinogenicity

NOAEL ~4000 mg/kg/day Dermal Mouse

Estimated Value

No evidence of carcinogenicity in animal studies

# **Reproductive Toxicity:**

# **Reproductive Toxicity - Fertility**

NOAEC >4858 mg/kg/day Oral Mouse

This substance has no evidence of toxicity to reproduction. Based on available data the classification criteria are not met.

# **Reproductive Toxicity - Development**

Teratogenicity: NOAEC 11000 ppm Inhalation. Rat

No evidence of reproductive toxicity in animal studies Based on available data the classification criteria are not met.

# Specific target organ toxicity - single exposure:

STOT SE 3 Central nervous system depression including narcotic effects such as drowsiness, narcosis, reduced alertness, loss of reflexes, lack of coordination and vertigo.

#### Specific target organ toxicity - repeated exposure:

Not classified as a specific target organ toxicant after repeated exposure.

# **Aspiration hazard:**

# **Viscosity**

Not applicable.

Not anticipated to present an aspiration hazard based on chemical structure.

**BUTANONE (CAS: 78-93-3)** 

# **Acute toxicity:**

# **Acute Toxicity (Oral LD50)**

2193 mg/kg Rat

Estimated Value REACH dossier information

Based on available data the classification criteria are not met.

# **Acute Toxicity (Dermal LD50)**

> 8100 mg/kg Rabbit

**REACH** dossier information

Based on available data the classification criteria are not met.

#### **Acute Toxicity (Inhalation LC50)**

No information available.

#### **Skin Corrosion/Irritation:**

# Erythema\eschar score

No erythema (0).

#### Oedema score

No oedema (0).

**REACH** dossier information

Not irritating. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

# Serious eye damage/irritation:

Moderately Irritating.

#### Respiratory or skin sensitisation:

#### Respiratory sensitisation

No information available.

There is no evidence that the material can lead to respiratory hypersensitivity.

#### Skin sensitisation

Guinea pig maximization test (GPMT):

REACH dossier information

Not Sensitising.

#### Germ cell mutagenicity:

# **Genotoxicity - In Vitro**

**Bacterial Reverse Mutation Test** 

**REACH** dossier information

Negative.

This substance has no evidence of mutagenic properties.

# Genotoxicity - In Vivo

Chromosome aberration:

Negative.

This substance has no evidence of mutagenic properties.

# Carcinogenicity:

# Carcinogenicity

No information available.

This substance has no evidence of carcinogenic properties.

# **Reproductive Toxicity:**

# **Reproductive Toxicity - Fertility**

Fertility: NOAEC 1644 mg/kg/day Oral Rat

Estimated Value REACH dossier information

Based on available data the classification criteria are not met.

# **Reproductive Toxicity - Development**

Teratogenicity: NOAEC 1002 ppm Inhalation. Rat

#### **REACH** dossier information

Based on available data the classification criteria are not met.

# Specific target organ toxicity - single exposure:

#### STOT - Single exposure

No information available.

Central nervous system depression including narcotic effects such as drowsiness, narcosis, reduced alertness, loss of reflexes, lack of coordination and vertigo.

#### Specific target organ toxicity - repeated exposure:

#### STOT - Repeated exposure

NOAEC 5014 ppmV/6hr/day Inhalation. Rat

**REACH** dossier information

Not classified as a specific target organ toxicant after repeated exposure.

## **Aspiration hazard:**

#### **Viscosity**

Kinematic viscosity <= 20.5 mm2/s.

Not anticipated to present an aspiration hazard based on chemical structure.

## **SECTION 12: ECOLOGICAL INFORMATION**

# 12.1. Toxicity

#### **Acute Fish Toxicity**

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

#### **Ecological information on ingredients.**

#### **ACETONE (CAS: 67-64-1)**

# **Acute Fish Toxicity**

Not considered toxic to fish.

#### **Acute Toxicity - Fish**

LC50 96 hours 5540 mg/l Onchorhynchus mykiss (Rainbow trout)

# **Acute Toxicity - Aquatic Invertebrates**

EC50 48 hours 12700 mg/l Daphnia magna

# **Acute Toxicity - Aquatic Plants**

NOEC 192 hours 530 mg/l Microcystis aeruginosa

#### **Acute Toxicity - Microorganisms**

EC12 30 min 61150 mg/l Activated sludge

# **Chronic Toxicity - Aquatic Invertebrates**

NOEC 28 days 2212 mg/l Daphnia magna

# **BUTANONE (CAS: 78-93-3)**

# **Acute Toxicity - Fish**

LC50 96 hours 2993 mg/l Pimephales promelas (Fat-head Minnow)

**REACH** dossier information

# **Acute Toxicity - Aquatic Invertebrates**

EC50 48 hours 308 mg/l Daphnia magna

**REACH** dossier information

#### **Acute Toxicity - Aquatic Plants**

EC50 72 hours 1972 mg/l Selenastrum capricornutum

REACH dossier information

## **Acute Toxicity - Microorganisms**

LOEC 16 hours 1150 mg/l Pseudomonas putida

**REACH** dossier information

#### 12.2. Persistence and degradability

# Degradability

The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces. Volatile substances are degraded in the atmosphere within a few days.

# Ecological information on ingredients.

**ACETONE (CAS: 67-64-1)** 

#### **Phototransformation**

Air. DT50 20 ~ 115 days

# Stability (Hydrolysis)

No significant reaction in water.

#### **Biodegradation**

Water and Sediment Degradation (90%) 28 days

The substance is readily biodegradable.

**BUTANONE (CAS: 78-93-3)** 

#### Degradability

The substance is readily biodegradable.

#### **Phototransformation**

Not determined.

## Stability (Hydrolysis)

No significant reaction in water.

# Biodegradation

Water Degradation (98%) 28 days

**REACH** dossier information

Degradation refers to mineralisation. The substance is readily biodegradable.

#### 12.3. Bioaccumulative potential

#### **Bioaccumulative potential**

The product does not contain any substances expected to be bioaccumulating.

#### **Partition coefficient**

Not available.

#### **Ecological information on ingredients.**

**ACETONE (CAS: 67-64-1)** 

# **Bioaccumulative potential**

Will not bio-accumulate.

#### **Bioaccumulation factor**

BCF 3

Estimated Value

#### **Partition coefficient**

log Pow - 0.24

**BUTANONE (CAS: 78-93-3)** 

#### **Bioaccumulative potential**

Will not bio-accumulate.

# Partition coefficient

log Pow 0.3

**REACH** dossier information

# 12.4. Mobility in soil

# Mobility:

The product is immiscible with water and will spread on the water surface. The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces.

#### Ecological information on ingredients.

**ACETONE (CAS: 67-64-1)** 

Mobility:

Highly volatile. The product is water soluble and may spread in water systems.

**Henry's Law Constant** 

2.303 Pa m3/mol @ 15 °C

**Surface tension** 

23.3 mN/m @ 20 °C

**BUTANONE (CAS: 78-93-3)** 

**Mobility:** 

Highly volatile. The product is miscible with water. May spread in water systems.

# 12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

#### Ecological information on ingredients.

**ACETONE (CAS: 67-64-1)** 

Not Classified as PBT/vPvB by current EU criteria.

**BUTANONE (CAS: 78-93-3)** 

Not Classified as PBT/vPvB by current EU criteria.

#### 12.6. Other adverse effects

Not applicable.

#### **Ecological information on ingredients.**

**ACETONE (CAS: 67-64-1)** 

None known.

**BUTANONE (CAS: 78-93-3)** 

None known.

# **SECTION 13: DISPOSAL CONSIDERATIONS**

#### **General information**

When handling waste, consideration should be made to the safety precautions applying to handling of the product. Do not puncture or incinerate even when empty.

## 13.1. Waste treatment 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.

#### **Waste Class**

European Waste Catalogue (EWC): 08 01 11 (waste paint and varnish containing organic solvents or other dangerous substances).

## **SECTION 14: TRANSPORT INFORMATION**

# **14.1. UN number**

 UN No. (ADR/RID/ADN)
 1950

 UN No. (IMDG)
 1950

 UN No. (ICAO)
 1950

# 14.2. UN proper shipping name

Proper Shipping Name AEROSOLS (IATA : Aerosols, flammable)

# 14.3. Transport hazard class(es)

ADR/RID/ADN Class 2 (5F)
ADR Label No. 2.1
IMDG Class 2.1

ICAO Class/Division 2.1

**Transport Labels** 



#### 14.4. Packing group

Not applicable.

# 14.5. Environmental hazards

**Environmentally Hazardous Substance/Marine Pollutant** 

No.

#### 14.6. Special precautions for user

EMS F-D, S-U

Tunnel Restriction Code (D)

# 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not relevant

#### **SECTION 15: REGULATORY INFORMATION**

# 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### **Approved Code Of Practice**

British Aerosol Manufacturers Association Standard

#### **EU Legislation**

Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

# **National Regulations**

The Aerosol Dispensers Regulations 2009 (SI 2824) The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

## **Health and Environmental Listings**

Regulation EC 2037/2000 on substances that deplete the ozone layer. Regulation EC 850/2004 on persistent organic pollutants. Regulation EC 689/2008 concerning the export and import of dangerous chemicals. None of the ingredients are listed.

## Authorisations (Title VII Regulation 1907/2006)

No specific authorisations are noted for this product.

# Restrictions (Title VIII Regulation 1907/2006)

No specific restrictions of use are noted for this product.

# Seveso Category (Directive 2012/18/EU)

P3a (FLAMMABLE AEROSOLS). Lower Tier Requirements 150 tonnes. Upper Tier Requirements 500 Tonnes.

# 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

# **SECTION 16: OTHER INFORMATION**

#### **Information Sources**

Classification is based on the classification of the individual components (the conventional method). Test data are not available for the mixture itself.

Revision Date 16/10/2012 Supersedes date 05/01/2009

Risk Phrases In Full

R12 Extremely flammable.
R11 Highly flammable
R36 Irritating to eyes.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

**Hazard Statements In Full** 

H319 Causes serious eye irritation. H220 Extremely flammable gas.

H225 Highly flammable liquid and vapour.H336 May cause drowsiness or dizziness.

EUH066 Repeated exposure may cause skin dryness or cracking.

# 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.