

# SAFETY DATA SHEET

## CS50 2K HB Fast Dry Primer 5-1

Date: 16-06-2017

Page: 1

### SECTION 1: IDENTIFICATION OF PRODUCT AND COMPANY

#### 1.1 Product Identifier

Product name: CS50 2K HB Fast Dry Primer 5-1  
Product Code: FL626

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

Intended use: For Paint for metal.  
Uses advised against: Not suitable for use in homeworke (DIY) applications

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

Details of company: FLP Group  
Unit 1 Clayfields Industrial Estate  
Tickhill Road  
Doncaster  
DN4 8QG  
+44 (0) 1302 571571  
[sales@flpgroup.co.uk](mailto:sales@flpgroup.co.uk)

#### 1.4 Emergency telephone number

Emergency Tel: +44 (0) 1302 571571

### SECTION 2: HAZARD IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Classification under CLP: Flam. Liq. 3 H226 Flammable liquid and vapour.  
Most important adverse effects: Flammable. Harmful by inhalation and in contact with skin.  
Irritating to skin.

#### 2.2 Label elements

Hazard statements: H226 Flammable liquid and vapour.  
Signal words: Warning  
Hazard pictograms: GHS02: Flame



Precautionary statements: P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.  
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P241 Use explosion-proof electrical/ventilating/lighting/equipment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P240 Ground/bond container and receiving equipment.  
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

# SAFETY DATA SHEET

## CS50 2K HB Fast Dry Primer 5-1

Date: 16-06-2017

Page: 2

### 2.3 Other hazards

Other hazards:

No other known hazards.

PBT:

This substance is not identified as a PBT substance.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

Hazardous ingredients:

EINECS	CAS	CLP Classification	Percent
n-butyl acetate REACH: 01-2119485493-29			
204-658-1	123-86-4	Flam. Liq. 3:H226; STOT SE 3: H336; EUH066	2-12 %
Xylene			
215-535-7	1330-20-7	Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335; Asp. Tox. 1: H304	2-12 %
methoxypropyl acetate			
283-152-2	84540-57-8	R10	2-12%

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

Skin contact:

Skin contact causes redness. In case of prolonged contact, the skin may become dry. Remove immediately contaminated clothing. Wash thoroughly the affected area with plenty of cold or lukewarm water and neutral soap, or use a suitable skin cleanser. Do not use solvents or thinners.

Eye contact:

Contact with the eyes produces redness and pain. Remove contact lenses. Rinse eyes copiously by irrigation with plenty of clean, fresh water for at least 15 minutes, holding the eyelids apart, until the irritation is reduced. Call a physician immediately.

Ingestion:

If swallowed, may cause irritation of the throat, abdominal pain, drowsiness, nausea, vomiting and diarrhoea. If swallowed, seek medical advice immediately and show container or label. Do not induce vomiting, due to the risk of aspiration. Keep the patient at rest.

Inhalation:

Inhalation of solvent vapours may produce headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, unconsciousness. Inhalation produces irritation to mucus, coughing and breathlessness. Remove the patient out of the contaminated area into the fresh air. If breathing is irregular or stops, administer artificial respiration. If the person is unconscious, place in appropriate recovery position. Keep the patient warm and at rest until medical attention arrives.

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

None known

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

Notes to physician: Treatment should be directed at the control of symptoms and the clinical condition of the patient. Antidotes and contraindications: Specific antidote not known.

# SAFETY DATA SHEET

## CS50 2K HB Fast Dry Primer 5-1

Date: 16-06-2017

Page: 3

### **SECTION 5: FIRE FIGHTING MEASURES**

#### 5.1 Extinguishing media

Extinguishing media:

Extinguishing powder or CO2. In the case of more important fires, also alcohol resistant foam and water spray/mist. Do not use for extinguishing: direct water jet. Direct water jet may not be effective to extinguish the fire, since the fire may spread.

#### 5.2 Special hazards arising from the substance or mixture

Exposure hazards:

Fire can produce a dense black smoke. As consequence of combustion or thermal decomposition, hazardous products may be produced: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products may be a hazard to health.

#### 5.3 Advice for fire-fighters

Advice for fire-fighters:

Special protective equipment: Depending on magnitude of fire, heat-proof protective clothing may be required, appropriate independent breathing apparatus, gloves, and protective glasses or face masks and boots. If the fire-proof protective equipment is not available or not used, combat fire from a sheltered position or at a safe distance. The standard EN469 provides a basic level of protection for chemical incidents. Other recommendations: Cool with water the tanks, cisterns or containers close to sources of heat or fire. Bear in mind the direction of the wind. Do not allow fire-fighting residue to enter drains, sewers or water courses.

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

Eliminate possible sources of ignition and when appropriate, ventilate the area. Do not smoke. Avoid direct contact with this product. Avoid breathing vapours. Keep people without protection in opposition to the wind direction.

#### 6.2 Environmental precautions

Avoid contamination of drains, surface or subterranean water and soil. In the case of large scale spills or when the product contaminates lakes, rivers or sewages, inform the appropriate authorities in accordance with local regulations.

#### 6.3 Methods and material for containment and cleaning up

Contain and mop up spills with non-combustible absorbent materials (earth, sand, vermiculite, diatomaceous earth, etc.). Clean preferably with a biodegradable detergent. Avoid use of solvents. Keep the remains in a closed container.

#### 6.4 Reference to other sections

For contact information in case of emergency, see section 1.

For information on safe handling, see section 7.

For exposure controls and personal protection measures, see section 8.

For subsequent waste disposal, follow the recommendations in section 13.

### **SECTION 7: HANDLING & STORAGE**

#### 7.1 Precautions for safe handling

Comply with the existing legislation on health and safety at work.

General recommendations: Avoid any type of leakage or escape. Keep the container tightly closed.

Recommendations for the prevention of fire and explosion risks: Vapours are heavier than air, may spread along floors to a considerable distance, can form explosive mixtures with air and are able to reach distant ignition sources and flame up or explode. Due to its flammability, this material should only be used in

# SAFETY DATA SHEET

## CS50 2K HB Fast Dry Primer 5-1

Date: 16-06-2017

Page: 4

areas from which all naked lights and other sources of ignition have been excluded and away from other heat or electrical sources. Switch mobile phones off and do not smoke. If this product is used in an industrial installation, the zones with risk of explosion should be marked. Use instruments, systems and protective equipment adequate to the classification of zones, according to the health and safety at work laws, in accordance with Directive 94/9/EC and 99/92/EC. Electrical equipment should be protected to the appropriate standard. No tools with a potential for sparks should be used. Elaborate the document 'Protection against explosions'.

Flash point: 24°C  
 Auto ignition temperature: 429°C  
 Upper/lower flammability or explosive limits: 1.1-7.2% Volume 25°C

Recommendations for the prevention of toxicological risks: Do not eat, drink or smoke in application and drying areas. After handling, wash hands with soap and water. For exposure controls and personal protection measures, see section 8.

Recommendations for the prevention of environmental contamination: Avoid any spillage in the environment. Pay special attention to the cleaning water. In the case of accidental spillage, follow the instructions indicated in.

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

Prevent unauthorized access. Keep out of reach of children. This product should be stored isolated from heat and electrical sources. Do not smoke in storage area. If possible, avoid direct contact with sunlight. Avoid extreme humidity conditions. In order to avoid leakages, the containers, after use, should be closed carefully and placed in a vertical position. For more information, see section 10.

Class of store: According to current legislation.  
 Maximum storage period: 12 months  
 Temperature interval: min5°C - max40°C (recommended).

Incompatible materials: Keep away from oxidising agents, from strongly alkaline and strongly acid materials.

Type of packaging: According to current legislation.

Limit quantity (Seveso III): Directive 96/82/EC~2003/105/EC: Lower threshold: 5000 tons, Upper threshold: 50000 tons

### 7.3 Specific end use(s)

For the use of this product do not exist particular recommendations apart from that already indicated.

## **SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION**

### 8.1 Control parameters

If a product contains ingredients with exposure limits, may be necessary a personnel monitoring, work place or biological, to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to EN689, EN14042 and EN482 standard concerning methods for assessing the exposure by inhalation to chemical agents, and exposure to chemical and biological agents. Reference should be also made to national guidance documents for methods for the determination of dangerous substances.

#### OCCUPATIONAL EXPOSURE LIMIT VALUES (TLV)

AGCIH 2013	Year	TWA		TLV-STEL		Remarks
		ppm	mg/m3	ppm	mg/m3	
Xylene (mixture of isomers)	1998	150.	713.	200.	950.	
N-butyl acetate	1996	100.	434.	150.	651.	A4

TLV - Threshold Limit Value, TWA - Time Weighted Average, STEL - Short Term Exposure Limit. A4 – Non-classified as carcinogenic in humans.

BIOLOGICAL LIMIT VALUES: Not established

DERIVED NO-EFFECT LEVEL (DNEL): Derived no-effect level (DNEL) is a level of exposure that is considered safe, derived from toxicity data according to specific guidance's included in REACH. DNEL values may differ from an occupational exposure limit (OEL) for the same chemical. OEL values may come recommended by a particular company, a government regulatory agency or an organization of experts. Although considered protective of health, the OEL values are derived by a process different of REACH.

**8.2 Exposure controls**

Engineering measures:	Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these measures are not sufficient to maintain concentrations of particulates and vapours below the Occupational Exposure Limits, suitable respiratory protection must be worn.
Protection of respiratory system:	Avoid the inhalation of vapours.
Protection of eyes and face:	It is recommended to dispose of water taps, sources or eyewash bottles with clean water close to the working area.
Protection of hands and skin:	It is recommended to dispose of water taps or sources with clean water close to the working area. Barrier creams may help to protect the exposed areas of the skin. Barrier creams should not be applied once exposure has occurred.
Occupational exposure controls:	Directive 89/686/EEC~96/58/EC: As a general measure on prevention and safety in the work place, we recommend the use of a basic personal protection equipment (PPE), with the corresponding EC marking. For more information on personal protective equipment (storage, use, cleaning, maintenance, type and characteristics of the PPE, protection class, marking, category, CEN norm, etc...), you should consult the informative brochures provided by the manufacturers of PPE.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties**

Appearance	
Physical state:	Liquid.
Colour:	Light grey.
Odour:	Characteristic
Odour threshold:	Not available (mixture).
pH-value	
pH:	Not applicable
Change of state	
Melting point:	Not applicable (mixture).
Initial boiling point:	124 °C
Density	
Vapour density:	Not applicable
Relative density:	Not applicable
Stability	
Decomposition temperature:	Not available
Viscosity	
Dynamic viscosity:	Not applicable
Kinematic viscosity:	Not applicable
Solubility	
Solubility in water:	Not miscible
Solubility in oils and fats:	Not available
Flammability:	
Flash point:	27. °C
Upper:	Not available

Lower: Not available  
 Auto ignition temperature: 333. °C  
 Explosive properties: Vapours can form explosive mixtures with air and are able to flame up or explode in presence of an ignition source.  
 Oxidizing properties: Not classified as oxidizing product.

**9.2 Other information**

Solvent content:  
 Organic solvents: 14 %  
 VOC (EC) 14 %

**SECTION 10: STABILITY AND REACTIVITY**

**10.1 Reactivity**

Reactivity: Stable under normal conditions

**10.2 Chemical stability**

Chemical stability: Stable under normal conditions.

**10.3 Possibilities of hazardous reactions**

Hazardous reactions: Possible dangerous reaction with oxidizing agents, acids, alkalis, peroxides

**10.4 Conditions to avoid**

Conditions to avoid: Keep away from sources of heat. If possible, avoid direct contact with sunlight. Avoid extreme humidity conditions.

**10.5 Incompatible materials**

Materials to avoid: Keep away from oxidising agents, from strongly alkaline and strongly acid materials.

**10.6 Hazardous decomposition products**

Hazardous decomposition products: As consequence of thermal decomposition, hazardous products may be produced: sulphur oxides.

**SECTION 11: TOXICAL INFORMATION**

**11.1 Information on toxicological effects**

**ACUTE TOXICITY:**

Dose and lethal concentrations for individual ingredients:

	DL50 (OECD 401)	DL50 (OECD 402)	CL50 (OECD 403)
	mg/kg oral	mg/kg cutaneous	mg/m inhalation
Xylene (mixture of isomers)	4300. Rat	2000. Rabbit	

No observed adverse effect level: Not available

Lowest observed adverse effect level: Not available

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1 Toxicity**

Not applicable

**12.2 Persistence and degradability**

Not applicable

# SAFETY DATA SHEET

## CS50 2K HB Fast Dry Primer 5-1

Date: 16-06-2017

Page: 7

### 12.3 Bio accumulative potential

Not applicable

### 12.4 Mobility in soil

Not applicable

### 12.5 Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT substance

### 12.6 Other adverse effects

None

## **SECTION 13: DISPOSAL CONSIDERATIONS**

### 13.1 Waste treatment methods

Take all necessary measures to prevent the production of waste whenever possible. Analyse possible methods for revaluation or recycling. Do not discharge into drains or the environment, dispose of at an authorised waste collection point. Waste should be handled and disposed of in accordance with current local and national regulations. For exposure controls and personal protection measures, see section 8.

Disposal of empty containers: Emptied containers and packaging should be disposed of in accordance with currently local and national regulations. The classification of packaging as hazardous waste will depend on the degree of emptying of the same, being the holder of the residue responsible for their classification, in accordance with Chapter 15 01 of Decision 2000/532/EC, and forwarding to the appropriate final destination. With contaminated containers and packaging, adopt the same measures as for the product in itself.

Procedures for neutralising or destroying the product: Controlled incineration in special facilities for chemical waste, but in accordance with local regulations.

## **SECTION 14: TRANSPORTATION INFORMATION**

### 14.1 UN number

UN Number: 1263

### 14.2 UN proper shipping name

Shipping name: PAINT or PAINT RELATED MATERIAL

### 14.3 Transport hazard class

Transport class: 3  
ADR - Hazard identification number: 30

### 14.4 Packaging group

Packing group: III

### 14.5 Environmental hazards

Not applicable.

### 14.6 Special precautions for user

Ensure that persons transporting the product know what to do in case of accident or spill. Always transport in closed containers that are in a vertical position and sure. Ensure adequate ventilation.

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

Not applicable

# SAFETY DATA SHEET

## CS50 2K HB Fast Dry Primer 5-1

Date: 16-06-2017

Page: 8

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

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
The regulations applicable to this product generally are listed throughout this material safety data sheet

**15.2 Chemical safety assessment**

For this mixture has not been carried out a chemical safety assessment.

### **SECTION 16: OTHER INFORMATION**

Other information:

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

Phrases used in section 3:

H225 Highly flammable liquid and vapour.  
H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.  
EUH066 Repeated exposure may cause skin dryness or cracking.  
H373i May cause damage to organs through prolonged or repeated exposure if inhaled.  
H373iE May cause damage to hearing organs through prolonged or repeated exposure if inhaled.  
H361id Suspected of damage the unborn child if inhaled.  
H373iJ May cause damage to central nervous system through prolonged or repeated exposure if inhaled.

Legal disclaimer:

The above information is believed to be correct but does not support to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.