

# SAFETY DATA SHEET

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Trade name or designation of the mixture	CREATE FREE Clear (THIS) Part B
Registration number	-
Synonyms	None.
Issue date	22-January-2018
Version number	01
Revision date	-
Supersedes date	-

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

Identified uses	Dry erase paint.
Uses advised against	None known.

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

Manufacturer/Supplier	IdeaPaint LTD 5 New Street Square London, EC4A 3TW
Telephone number	+44 207 837 9922
e-mail	dclark@ideapaint.com
Contact person	Dugald Clark
Emergency	+44 8 08 189 0979 Access Code: 333641

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

#### Classification according to Regulation (EC) No 1272/2008 as amended

##### Health hazards

Acute toxicity, oral	Category 4	H302 - Harmful if swallowed.
Skin corrosion/irritation	Category 1B	H314 - Causes severe skin burns and eye damage.
Serious eye damage/eye irritation	Category 1	H318 - Causes serious eye damage.
Skin sensitisation	Category 1	H317 - May cause an allergic skin reaction.

**Hazard summary** Causes severe skin burns and eye damage. Harmful if swallowed. May cause an allergic skin reaction.

### 2.2. Label elements

#### Label according to Regulation (EC) No. 1272/2008 as amended

**Contains:** 3-Aminopropyltriethoxysilane

##### Hazard pictograms



**Signal word** Danger

##### Hazard statements

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.

## Precautionary statements

### Prevention

P260 Do not breathe vapour.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

### Response

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.  
P310 Immediately call a POISON CENTRE/doctor.  
P362 + P364 Take off contaminated clothing and wash it before reuse.

### Storage

Not assigned.

### Disposal

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental label information None.

2.3. Other hazards Not a PBT or vPvB substance or mixture.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
3-Aminopropyltriethoxysilane	100	919-30-2 213-048-4	-	612-108-00-0	
<b>Classification:</b>	Acute Tox. 4;H302, Skin Corr. 1B;H314, Skin Sens. 1;H317, Eye Dam. 1;H318				

Composition comments All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume. The full text for all H-statements is displayed in section 16.

## SECTION 4: First aid measures

#### General information

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

#### 4.1. Description of first aid measures

**Inhalation** Move to fresh air. Call a physician if symptoms develop or persist.

**Skin contact** Remove contaminated clothing immediately and wash skin with soap and water. Call a physician or poison control centre immediately. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse.

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Provide eyewash station. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control centre immediately.

**Ingestion** Call a physician or poison control centre immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

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

Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause an allergic skin reaction. Dermatitis. Rash. Ingestion may produce burns to the lips, oral cavity, upper airway, esophagus and possibly the digestive tract. Harmful if swallowed.

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

Provide general supportive measures and treat symptomatically. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

## SECTION 5: Firefighting measures

#### General fire hazards

Will burn if involved in a fire.

#### 5.1. Extinguishing media

**Suitable extinguishing media** Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

**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

During fire, gases hazardous to health may be formed.

#### 5.3. Advice for firefighters

**Special protective equipment for firefighters** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Special fire fighting procedures**

Move containers from fire area if you can do so without risk.

## SECTION 6: Accidental release measures

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

**For non-emergency personnel**

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapour. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.

**For emergency responders**

Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up.

### 6.2. Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

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

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use.

### 6.4. Reference to other sections

For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Do not breathe mist or vapour. Do not get in eyes, on skin, or on clothing. Do not taste or swallow. Avoid prolonged exposure. Persons susceptible to allergic reactions should not handle this product. When using, do not eat, drink or smoke. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

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

Store locked up. Store in original tightly closed container. Store away from incompatible materials (see section 10 of the SDS).

### 7.3. Specific end use(s)

Dry erase paint.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### UK. EH40 Workplace Exposure Limits (WELs)

Additional components	Type	Value
Ethanol (CAS 64-17-5)	TWA	1920 mg/m <sup>3</sup> 1000 ppm

#### Biological limit values

No biological exposure limits noted for the ingredient(s).

#### Recommended monitoring procedures

Follow standard monitoring procedures.

#### Derived no effect levels (DNELs)

Not available.

#### Predicted no effect concentrations (PNECs)

Not available.

### 8.2. Exposure controls

#### Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

#### Individual protection measures, such as personal protective equipment

##### General information

Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

##### Eye/face protection

Wear safety glasses with side shields (or goggles). Wear a face shield if there is a risk of splashing.

##### Skin protection

##### - Hand protection

Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

<b>- Other</b>	Wear appropriate chemical resistant clothing, including apron and sleeves. Full body suit and boots are recommended when handling large volumes or in emergency situations.
<b>Respiratory protection</b>	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>Hygiene measures</b>	Observe any medical surveillance requirements. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Remove contaminated clothing. Contaminated work clothing should not be allowed out of the workplace.
<b>Environmental exposure controls</b>	Inform appropriate managerial or supervisory personnel of all environmental releases.

## SECTION 9: Physical and chemical properties

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

#### Appearance

<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Colour</b>	Colorless to yellowish.

**Odour** Amine-like.

**Odour threshold** Not available.

**pH** 11.3 at 20 °C

**Melting point/freezing point** < -70 °C (< -94 °F)

**Initial boiling point and boiling range** 220 °C (428 °F)

**Flash point** 92.8 °C (199.0 °F)

**Evaporation rate** Not available.

**Flammability (solid, gas)** Not applicable.

#### Upper/lower flammability or explosive limits

<b>Explosive limit - lower (%)</b>	0.7 %
<b>Explosive limit – upper (%)</b>	17.5 %

**Vapour pressure** 0.02 hPa at 20 °C

**Vapour density** Not available.

**Relative density** 0.95 g/cm<sup>3</sup>

**Solubility(ies)** 5.4 g/l at 20°C

**Partition coefficient (n-octanol/water)** 1.7 QSAR-method (20 °C)

**Auto-ignition temperature** 300 °C (572 °F)

**Decomposition temperature** Not available.

**Viscosity** 2 mPa·s DIN 53015 at 20 °C

**Explosive properties** Not explosive.

**Oxidising properties** Not oxidising.

### 9.2. Other information

**VOC** < 100 g/l

## SECTION 10: Stability and reactivity

**10.1. Reactivity** The product reacts with: Epoxy resins.

**10.2. Chemical stability** Material is stable under normal conditions.

**10.3. Possibility of hazardous reactions** Contact with water liberates ethanol. Polymerization will not occur unless product is mixed with epoxy resins, isocyanates or urethane prepolymers. Exothermic reaction with acids.

**10.4. Conditions to avoid** Avoid temperatures exceeding the flash point. Contact with incompatible materials.

**10.5. Incompatible materials** Strong oxidising agents. Strong acids.

**10.6. Hazardous decomposition products** Ethanol in case of hydrolysis. Thermal decomposition of this product can generate carbon monoxide, carbon dioxide and nitrogen oxides.

## SECTION 11: Toxicological information

**General information** Occupational exposure to the substance or mixture may cause adverse effects.

## Information on likely routes of exposure

<b>Inhalation</b>	May cause irritation to the respiratory system. Prolonged inhalation may be harmful.
<b>Skin contact</b>	Causes severe skin burns. May cause an allergic skin reaction.
<b>Eye contact</b>	Causes serious eye damage.
<b>Ingestion</b>	Causes digestive tract burns. Harmful if swallowed.

**Symptoms** Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause an allergic skin reaction. Dermatitis. Rash. Ingestion may produce burns to the lips, oral cavity, upper airway, esophagus and possibly the digestive tract. Harmful if swallowed.

### 11.1. Information on toxicological effects

<b>Acute toxicity</b>	Harmful if swallowed.
<b>Skin corrosion/irritation</b>	Causes severe skin burns.
<b>Serious eye damage/eye irritation</b>	Causes serious eye damage.
<b>Respiratory sensitisation</b>	Based on available data, the classification criteria are not met.
<b>Skin sensitisation</b>	May cause an allergic skin reaction.
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity - single exposure</b>	Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity - repeated exposure</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.
<b>Mixture versus substance information</b>	No information available.
<b>Other information</b>	Symptoms may be delayed. Ethanol may be released.

## SECTION 12: Ecological information

**12.1. Toxicity** The product is 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.

### 12.2. Persistence and degradability

#### Biodegradability

##### Percent Degradation (Aerobic Biodegradation-Ready)

CREATE FREE Clear (THIS) Part B 67 % DOC; Die Away Test

### 12.3. Bioaccumulative potential

#### Partition coefficient

##### n-octanol/water (log Kow)

CREATE FREE Clear (THIS) Part B 1.7 QSAR-method, (20 °C)

The product is slightly soluble in water.

### 12.4. Mobility in soil

Not a PBT or vPvB substance or mixture.

### 12.5. Results of PBT

#### and vPvB

#### assessment

It will react with water and release ethanol.

### 12.6. Other adverse effects

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Residual waste

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

#### Contaminated packaging

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

#### EU waste code

The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

#### Disposal methods/information

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

#### Special precautions

Dispose in accordance with all applicable regulations.

## SECTION 14: Transport information

### ADR

<b>14.1. UN number</b>	UN3267
<b>14.2. UN proper shipping name</b>	Corrosive liquid, basic, organic, n.o.s. (3-AMINOPROPYLTRIEHOXYSILANE)
<b>14.3. Transport hazard class(es)</b>	
Class	8
Subsidiary risk	-
Label(s)	8
Hazard No. (ADR)	80
Tunnel restriction code	E
<b>14.4. Packing group</b>	II
<b>14.5. Environmental hazards</b>	No
<b>14.6. Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

### RID

<b>14.1. UN number</b>	UN3267
<b>14.2. UN proper shipping name</b>	Corrosive liquid, basic, organic, n.o.s. (3-AMINOPROPYLTRIEHOXYSILANE)
<b>14.3. Transport hazard class(es)</b>	
Class	8
Subsidiary risk	-
Label(s)	8
<b>14.4. Packing group</b>	II
<b>14.5. Environmental hazards</b>	No.
<b>14.6. Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

### ADN

<b>14.1. UN number</b>	UN3267
<b>14.2. UN proper shipping name</b>	Corrosive liquid, basic, organic, n.o.s. (3-AMINOPROPYLTRIEHOXYSILANE)
<b>14.3. Transport hazard class(es)</b>	
Class	8
Subsidiary risk	-
Label(s)	8
<b>14.4. Packing group</b>	II
<b>14.5. Environmental hazards</b>	No
<b>14.6. Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

### IATA

<b>14.1. UN number</b>	UN3267
<b>14.2. UN proper shipping name</b>	Corrosive liquid, basic, organic, n.o.s. (3-AMINOPROPYLTRIEHOXYSILANE)
<b>14.3. Transport hazard class(es)</b>	
Class	8
Subsidiary risk	-
Label(s)	8
<b>14.4. Packing group</b>	II
<b>14.5. Environmental hazards</b>	No
<b>ERG Code</b>	8L
<b>14.6. Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

### IMDG

<b>14.1. UN number</b>	UN3267
<b>14.2. UN proper shipping name</b>	Corrosive liquid, basic, organic, n.o.s. (3-AMINOPROPYLTRIEHOXYSILANE)
<b>14.3. Transport hazard class(es)</b>	
Class	8
Subsidiary risk	-
<b>14.4. Packing group</b>	II
<b>14.5. Environmental hazards</b>	
Marine pollutant	No
<b>EmS</b>	F-A, S-B
<b>14.6. Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

## SECTION 15: Regulatory information

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

#### EU regulations

**Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended**

Not listed.

**Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended**

Not listed.

**Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended**

Not listed.

**Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA**

Not listed.

#### Authorisations

**Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended**

Not listed.

#### Restrictions on use

**Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended**

Not listed.

**Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended.**

Not listed.

#### Other EU regulations

**Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended**

Not listed.

#### Other regulations

The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.

#### National regulations

Follow national regulation for work with chemical agents. Young people under 18 years old are not allowed to work with this product according to EU Directive 94/33/EC on the protection of young people at work, as amended.

### 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

## SECTION 16: Other information

### List of abbreviations

PBT: Persistent, bioaccumulative and toxic.  
vPvB: Very Persistent and very Bioaccumulative.  
TWA: Time weighted average.  
STEL: Short term exposure limit.  
CEN: European Committee for Standardisation.  
BCF: Bio Concentration Factor.  
VOC: Volatile organic compounds.  
QSAR: Quantitative Structure Activity Relation.

### References

HSDB® - Hazardous Substances Data Bank  
IARC Monographs. Overall Evaluation of Carcinogenicity

### Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

**Full text of any H-statements  
not written out in full under  
Sections 2 to 15**

H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.

**Training information**

Follow training instructions when handling this material.

**Disclaimer**

IdeaPaint cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.