

SAFETY DATA SHEET

According to (REACH regulation (EC) n° 1907/2006 - n° 2020/878)



Revision number	2
Revision date	11 th April 2022
Supersedes date	May 2012
SDS number	SDS5213

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

1.1 Product Identifier

Product name

Specialist Crafts X2 Free Flow Acryl – Specific Colours Only

Product Code(s)

D415A008
D415A014
D415A019
D415A025
D415A028
D415C008
D415C014
D415C019
D415C025
D424 (SDS5214 also relates to this product)
DM418 (SDS5214 also relates to this product)
DM421 (SDS5214 also relates to this product)
DM421FN (SDS5214 also relates to this product)
DM422 (SDS5214 also relates to this product)
DM423 (SDS5214 also relates to this product)

Other Details

Paint and varnishes for artists.

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

Uses advised against

No further information.

1.3 Details of the supplier of the safety data sheet

Supplier

Specialist Crafts Ltd
Hamilton House
Mountain Road
Leicester
LE4 9HQ
United Kingdom

Email purchasing@specialistcrafts.com
Telephone +44 (0)116 269 7711

1.4 Emergency telephone number

Emergency telephone

+44 (0)116 269 7711
This telephone number is available during office hours only, 09:00 to 17:00 GMT, Monday to Friday, excluding UK bank holidays and weekends.
Language English

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SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification

In compliance with EC regulation No. 1272/2008 and its amendments.

Physical Hazards

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

Health Hazards

No further information.

Environmental Hazards

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2 Label Elements

Hazard Statements

In compliance with EC regulation No. 1272/2008 and its amendments.

Additional labelling:
EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Signal Word

No further information.

EU Specific Hazard Statements

No further information.

Precautionary Statements

No further information.

Other information

No further information.

2.3 Other Hazards

Other Hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) \geq 0.1% published by the European Chemicals Agency (ECHA) under article 57 of REACH:

<http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH

regulations EC 1907/2006.

The mixture does not contain substances \geq 0.1% with endocrine disrupting properties in accordance with the criteria of the Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of the Commission.

SECTION 3: Composition/information on ingredients

3.1 Substances

Substances

No further information.

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3.2 Mixtures

Mixtures

See below table.

Identification	(EC) 1272/2008	Note	%
INDEX: 022-006-00-2 CAS: 13463-67-7 EC: 236-675-5 TITANIUM DIOXIDE [IN POWDER FORM CONTAINING 1 % OR MORE OF PARTICLES WITH AERODYNAMIC DIAMETER <= 10 µM] (Full text of H-phrases: see section 16) [1] Substance for which maximum workplace exposure limits are available. Note 10: The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter <= 10 µm.	GHS08 Wng Carc. 2, H351	[1] [10]	0 <= x % < 1.9

SECTION 4: First Aid Measures

4.1 Description of first aid measures

General Advice

As a general rule, in case of doubt or if symptoms persist, always call a doctor. NEVER induce swallowing by an unconscious person.

Inhalation

No further information.

Skin Contact

No further information.

Eye Contact

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

Ingestion

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor. Keep the person exposed at rest. Do not force vomiting. Seek medical attention, showing the label. If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

4.2 Most important symptoms and effects, both acute and delayed

General Advice

No data available.

Symptoms

No data available.

Effects

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor

No data available.

Specific Treatments

No data available.

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SECTION 5: Fire Fighting Measures

- 5.1 Extinguishing Media
- | | |
|---------------------------------------|------------------------------------------------------------|
| Suitable Extinguishing Media | In the event of a fire, use: - sprayed water or water mist |
| Unsuitable Extinguishing Media | Water jet. |
- 5.2 Specific Hazards arising from the substance or mixture
- | | |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Specific Hazards arising from the chemical | A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.
Do not breathe in smoke.
In the event of a fire, the following may be formed:
- carbon monoxide (CO)
- carbon dioxide (CO ₂). |
| Hazardous combustion products | No further information. |
- 5.3 Advice for fire fighters
- | | |
|-------------------------------------------------------|-------------------------|
| Protective actions during firefighting | No data available. |
| Special protective equipment for fire fighters | No further information. |

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
- | | |
|---------------------------------|-------------------------------------------------------------------------------------------------|
| Personal precautions | Consult the safety measures listed under headings 7 and 8. |
| Other information | No further information. |
| For emergency responders | First aid workers will be equipped with suitable personal protective equipment (See section 8). |
- 6.2 Environmental precautions
- | | |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Environmental precautions | Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal. Prevent any material from entering drains or waterways. |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
- 6.3 Methods and material for containment and cleaning up
- | | |
|-------------------------------|---------------------------------------------------------|
| Methods of containment | Clean preferably with a detergent, do not use solvents. |
| Methods of cleaning up | See above. |
- 6.4 Reference to other sections
- | | |
|------------------------------------|--------------------|
| Reference to other sections | No data available. |
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SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Advice on safe handling

Always wash hands after handling.
Remove and wash contaminated clothing before re-using.
Ensure that there is adequate ventilation, especially in confined areas.

General hygiene considerations

No further information.

7.2 Conditions for safe storage, including and incompatibilities

Storage conditions

Keep out of reach of children.
Keep the container tightly closed in a dry, well-ventilated place.
The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

Storage Class

No further information.

7.3 Specific End Use(s)

Risk management methods

Other information

No further information.

Fire prevention:

Handle in well-ventilated areas.

Prevent access by unauthorised personnel.

Recommended equipment and procedures:

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations. Packages which have been opened must be reclosed carefully and stored in an upright position.

Prohibited equipment and procedures:

No smoking, eating or drinking in areas where the mixture is used

Always keep in packaging made of an identical material to the original.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits

See below.

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010):

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
13463-67-7	10 mg/m ³			A4	

- South Africa / DOL RL (Department of Labour, Recommended limits, 1995)

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
13463-67-7	10 mg/m ³				

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- Australia (NOHSC: 3008, 1995) :

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
13463-67-7	10 mg/m3			H	

- Belgium (Arrêté du 19/11/2020) :

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
13463-67-7	10 mg/m3				

- Canada / Alberta (Occupational health and safety code, 2009) :

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
13463-67-7	10 mg/m3				

- Canada / British Columbia (2009) :

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
13463-67-7	10 (N) mg/m3				

- Canada / Ontario (Control of exposure to biological or chemical agents, regulation 491/2009) :

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
13463-67-7	10 mg/m3	-	-	-	T

- Canada / Quebec (Regulations on occupational health and safety) :

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
13463-67-7	10 mg/m3			Pt. note 1	

- China (GBZ 2.1, 2007) :

CAS	TWA:	STEL:	Anm:	TWA:	STEL:	Anm:
13463-67-7	8 mg/m3					

- Denmark (2020) :

Stof	TWA:	VSTEL:	Loftvaerdi	Anm:
13463-67-7	- ppm 6 mg/m ³			K

- France (INRS - ED984 / 2020-1546) :

CAS	VME-ppm:	VME-mg/m3	VLE-ppm:	VLE-mg/m3:	Notes:	TMP No
13463-67-7	-	10	-	-	-	-

- Spain (Instituto Nacional de Seguridad e Higiene en el Trabajo (INSHT), 2019) :

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
13463-67-7	10 mg/m3				

- Hong-Kong (Code of practice on control of air impurities (Chemicals substances) in the workplace, 04/2002) :

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
13463-67-7	10 mg/m3	-	-	-	I

- Ireland (Code of practice for the Chemical Agents Regulations, 2016) :

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
13463-67-7	4 mg/m3				

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- Japan (JSOH, 17/05/2018) :

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
13463-67-7	0.3 mg/m3				

- Mexico:

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
13463-67-7	10 mg/m3	20 mg/m3	-	-	-

- Norway (Veiledning om administrative normer for forurensning i arbeidsatmosfære, 2019) :

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
13463-67-7	5 mg/m3				

- New Zealand (Workplace Exposure standards, 2002) :

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
13463-67-7	10(a) mg/m3				

- Netherlands / MAC-waarde (10 december 2014) :

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
13463-67-7	10 mg/m3	-	-	-	-

- Poland (Dz. U. z 2018 r. poz. 917, 1000 i 1076) :

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
13463-67-7	10 mg/m3	-	-	-	TI

- Slovakia (Règlement 300/2007, 471/2011 23/11/2011) :

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
13463-67-7	5 mg/m3				

- Switzerland (SUVA PRO 2019) :

CAS	VME	VLE	Valeur plafond	Notations
13463-67-7	3 ppm			

- Sweden (AFS 2018 :1) :

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
13463-67-7	5 mg/m3				

- UK / WEL (Workplace exposure limits, EH40/2005, Fourth Edition 2020) :

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
13463-67-7	4 mg/m3				

- USA / NIOSH IDLH (National Institute for Occupational Safety and Health, Immediately Dangerous to Life or Health Concentrations) :

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
13463-67-7	-	-	5000	-	-

- USA / OSHA PEL (Occupational Safety and Health Administration, Permissible Exposure Limits)

CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
13463-67-7	15 mg/m3				

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8.2 Exposure controls

Protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.
 Store personal protective equipment in a clean place, away from the work area.
 Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.
 Work clothing worn by personnel shall be laundered regularly.
 After contact with the product, all parts of the body that have been soiled must be washed.

Appropriate engineering controls

No further information.

Eye/Face Protection

Avoid contact with eyes.
 Use eye protectors designed to protect against liquid splashes
 Before handling, wear safety goggles in accordance with standard EN166.

Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.
 Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN ISO 374-1.
 Gloves must be selected according to the application and duration of use at the workstation.
 Protective gloves need to be selected according to their suitability for the workstation in question: other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.
 Type of gloves recommended:
 - Natural latex
 - Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
 - PVC (polyvinyl chloride)
 - Butyl Rubber (Isobutylene-isoprene copolymer)

Respiratory Protection Environmental Exposure Controls

No further information.

No further information.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Viscous liquid.
Odour	Not stated.
Odour threshold	No further information.
pH	8.50
Melting/freezing point	Not relevant.
Initial boiling point and boiling range	Not relevant.
Flash point	Not relevant.
Evaporation rate	No further information.
Flammability (solid; gas)	Not stated.
Upper/lower flammability or explosive limits	Not stated.
Vapour pressure	Not relevant.
Vapour density	Not stated.
Relative density	1.06
Solubility(ies)	Dilutable.
Partition coefficient	No further information.
Auto-ignition temperature	Not relevant.
Decomposition temperature	Not relevant.
Viscosity	Not stated.
Explosive properties	Not stated.
Oxidising properties	No further information.

9.2 Other information

Other information	VOC (g/l) : 8.97
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SECTION 10: Exposure controls/personal protection

10.1 Stability and Reactivity

Stability and reactivity	This mixture is stable under the recommended handling and storage conditions in section 7.
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10.2 Chemical Stability

Chemical Stability	This mixture is stable under the recommended handling and storage conditions in section 7.
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10.3 Possibility of hazardous reactions

Possibility of hazardous reactions	When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.
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10.4 Conditions to avoid

Conditions to avoid	Frost.
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10.5 Incompatible materials

Incompatible materials	No data available.
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10.6 Hazardous decomposition products

Hazardous decomposition products

The thermal decomposition may release/form:
- carbon monoxide (CO)
- carbon dioxide (CO₂)

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

No toxicological data available for the substances or mixture.

Skin corrosion/irritation

No further information.

Serious eye damage/irritation

Splashes in the eyes may cause irritation and reversible damage

Skin sensitisation

No further information.

Respiratory sensitisation

No further information.

Germ cell mutagenicity

No further information.

Carcinogenicity

Monograph(s) from the IARC (International Agency for Research on Cancer) :
CAS 140-88-5 : IARC Group 2B : The agent is possibly carcinogenic to humans.
CAS 7631-86-9 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.
CAS 9009-54-5 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.
CAS 13463-67-7 : IARC Group 2B : The agent is possibly carcinogenic to humans.

Reproductive toxicity

No further information.

Aspiration hazard

No further information.

Specific Target Organ Toxicity (Single and Repeated Exposure)

STOT - single exposure

No further information.

STOT - repeated exposure

No further information.

Information on likely routes of exposure

Inhalation

No further information.

Skin contact

No further information.

Eye contact

No further information.

Ingestion

No further information.

Symptoms related to the physical, chemical and toxicological characteristics

No further information.

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SECTION 12: Ecological information

- 12.1 Toxicity
Toxicity No aquatic toxicity data available for the mixture.
- 12.2 Persistence and degradability
Persistence and degradability No data available.
- 12.3 Bioaccumulative potential
Bioaccumulative potential No data available.
- 12.4 Mobility in soil
Mobility in soil No data available.
- 12.5 Results of PBT and vPvB assessment
Results of PBT and vPvB assessment No data available.
- 12.6 Other adverse effects
Other adverse effects No data available.

SECTION 13: Disposal Conditions

- 13.1 General Information
General Information Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.
- 13.2 Disposal Methods
Disposal Methods
Do not pour into drains or waterways.

Waste:
Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.
Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.
Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging:
Empty container completely. Keep label(s) on container.
Give to a certified disposal contractor.
- 13.3 Waste Class
Waste Class 20 01 27 * paint, inks, adhesives and resins containing dangerous substances
15 01 02 plastic packaging

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SECTION 14: Transport Information

General Information

Generally for limited quantity packaging/limited load information, consult the relevant modal documentation using the data shown in this section.

Road transport notes refer to the Dangerous Goods List for information on any Special Provisions 216.

Sea transport notes refer to the Dangerous Goods List for information on any Special Provisions 216.

Air transport notes refer to the Dangerous Goods List for information on any Special Provisions A46.

14.1 UN Number

UN No. (ADR/RID)

UN No. (IMDG)

UN No. (IATA)

UN No. (ADN)

Exempt from transport classification and labelling.

14.2 UN proper shipping name

UN Proper shipping name (ADR/RID)

UN Proper Shipping Name (IMDG)

UN Proper Shipping Name (IATA)

UN Proper Shipping Name (ADN)

Not classified.

14.3 Transport Hazard Class(es)

ADR/RID class

ADR/RID classification code

ADR/RID label

IMDG class 4.1

ICAO class/division

ADN class

Transport labels

Not classified.

14.4 Packing Group

ADR/RID Packing Group

IMDG Packing Group

IATA Packing Group

ADN Packing Group

Not classified.

14.5 Environmental Hazards

Environmentally hazardous substance/marine pollutant

Other Environmental Hazards

Not classified.

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14.6 Special Precautions for User

General Special Precautions

Not classified.

EmS

ADR transport category

Emergency Action Code

Hazard Identification Number

Tunnel Restriction Code

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

Not classified.

SECTION 15: Regulatory information

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

National Regulations

No further information.

EU Regulations

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2021/643 (ATP 16)
- EU Regulation No. 1272/2008 amended by EU Regulation No. 2021/849 (ATP 17)

15.2 Chemical Safety Assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa.

Chemical Safety Assessment

No data available.

SECTION 16: Other information

16.1 Hazard statements in full

H351 - Suspected of causing cancer .

Abbreviations :

REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.

UFI : Unique formulation identifier.

STEL : Short-term exposure limit

TWA : Time Weighted Averages

TMP : French Occupational Illness table

TLV : Threshold Limit Value (exposure)

AEV : Average Exposure Value.

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

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	WGK : Wassergefährdungsklasse (Water Hazard Class). PBT: Persistent, bioaccumulable and toxic. vPvB : Very persistent, very bioaccumulable. SVHC : Substances of very high concern.
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16.2 Disclaimer

The information presented herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm, in advance of need, that the information is current, applicable, and suitable to their circumstances.

16.3 Revisions

Please note the revision information on page 1 of this document, indicating the last revision date of this data, the revision number and the date this revision supersedes

16.4 References

Suppliers and manufacturers safety data sheets

16.5 Abbreviations and acronyms

Please contact us, in advance of need, should you require clarification of common abbreviations or acronyms used in this safety data sheet

END OF SAFETY DATA SHEET