



SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Cristex ADD-UP2

Version 1.0 SDB_GB

Revision Date 14.07.2014

Print Date 26.03.2014

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name : CRISTEX ADD-UP2

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

Use of the Substance/Mixture : Surface Additive

1.3 Details of the supplier of the safety data sheet

Company : CRISTEX Units 1&2 Laneside,
Metcalf Drive, Altham
Industrial Estate, Accrington,
Lancashire
BB5 5TU

Telephone : 01282 770666
Telefax : 01282 770677
E-mail address : sales@crisnex.co.uk

1.4 Emergency telephone number

01282 770666 (9-17 h)

2. Hazards identification

2.1 Classification of the substance or mixture Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 3	H226: Flammable liquid and vapour.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Specific target organ toxicity - single exposure, Category 3, Central nervous system	H336: May cause drowsiness or dizziness.
Aspiration hazard, Category 1	H304: May be fatal if swallowed and enters airways.

Classification (67/548/EEC, 1999/45/EC)

Flammable	R10: Flammable.
Harmful	R65: Harmful: may cause lung damage if swallowed.
Sensitising	R43: May cause sensitisation by skin contact. R66: Repeated exposure may cause skin dryness or cracking.



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2.2 Label elements Labelling (REGULATION (EC) No 1272/2008)



Hazard pictograms	:													
Signal word	:	Danger												
Hazard statements	:	<table border="0"> <tr> <td>H226</td> <td>Flammable liquid and vapour.</td> </tr> <tr> <td>H304</td> <td>May be fatal if swallowed and enters airways.</td> </tr> <tr> <td>H317</td> <td>May cause an allergic skin reaction.</td> </tr> <tr> <td>H319</td> <td>Causes serious eye irritation.</td> </tr> <tr> <td>H336</td> <td>May cause drowsiness or dizziness.</td> </tr> </table>	H226	Flammable liquid and vapour.	H304	May be fatal if swallowed and enters airways.	H317	May cause an allergic skin reaction.	H319	Causes serious eye irritation.	H336	May cause drowsiness or dizziness.		
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Precautionary statements	:	<p>Prevention:</p> <table border="0"> <tr> <td>P210</td> <td>Keep away from heat/sparks/open flames/hot surfaces. - No smoking.</td> </tr> <tr> <td>P261</td> <td>Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.</td> </tr> </table> <p>Response:</p> <table border="0"> <tr> <td>P301 + P310</td> <td>IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.</td> </tr> <tr> <td>P303 + P361 + P353</td> <td>IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.</td> </tr> <tr> <td>P331</td> <td>Do NOT induce vomiting.</td> </tr> <tr> <td>P370 + P378</td> <td>In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.</td> </tr> </table>	P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.	P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.	P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.	P303 + P361 + P353	IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.	P331	Do NOT induce vomiting.	P370 + P378	In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
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Hazardous components which must be listed on the label:

- Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics
- 27813-02-1 methacrylic acid, monoester with propane-1,2-diol

Additional Labelling:

EUH066 Repeated exposure may cause skin dryness or cracking.

3. Composition/information on ingredients

3.2 Mixtures



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Chemical nature : Wax Solution

Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	01- 211946325833	Xn; R65 R10 R66	Flam. Liq. 3; H226 STOT SE 3; H336 Asp. Tox. 1; H304	>= 30 - < 50
methacrylic acid, monoester with	27813-02-1 248-666-3	Xi; R36-R43	Eye Irrit. 2; H319 Skin Sens. 1; H317	>= 12,5 - < 20
propane-1,2-diol	/			

For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. First aid measures

4.1 Description of first aid measures

- General advice : Keep warm and in a quiet place.
- If inhaled : Move to fresh air in case of accidental inhalation of vapours.
- In case of skin contact : Do not wash off with:
Cleansing agents, acidic.
Before washing use a dry brush to remove dust from skin. Do
NOT use solvents or thinners.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for
at least 10 minutes.
- If swallowed : Do not induce vomiting without medical advice.

5. Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media : Water spray jet
Dry powder
Foam



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Carbon dioxide (CO₂)

5.2 Special hazards arising from the substance or mixture

Specific hazards during Firefighting : Burning produces irritant fumes.

5.3 Advice for firefighters

Special protective equipment : Wear self-contained breathing apparatus for firefighting if for firefighters necessary.

Further information : In the event of fire and/or explosion do not breathe fumes.
Use water spray to cool unopened containers.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Evacuate personnel to safe areas.
Refer to protective measures listed in sections 7 and 8.
Use personal protective equipment.

6.2 Environmental precautions

Environmental precautions : Do not let product enter drains.
Try to prevent the material from entering drains or water courses.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

6.4 Reference to other sections

Only qualified personnel equipped with suitable protective equipment may intervene.

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Keep away from flames and sparks.

Advice on protection against : Do not spray on a naked flame or any incandescent material.



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fire and explosion

Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Keep away from open flames, hot surfaces and sources of ignition.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Take measures to prevent the build-up of electrostatic charge. To maintain product quality, do not store in heat or direct sunlight.

Other data : Stable under normal conditions.

8. Exposure controls/personal protection

8.1 Control parameters

Components	CAS-No.	Value	Control parameters	Update	Basis
Paraffin waxes and Hydrocarbon waxes	-	TWA	2 mg/m ³	2011-12-01	GB EH40
Further information	: 48: The word 'fume' is often used to include gases and vapours. This is not the case for exposure limits where 'fume' should normally be applied to solid particles generated by chemical reactions or condensed from the gaseous state, usually after volatilisation from melted substances. The generation of fume is often accompanied by a chemical reaction such as oxidation or thermal breakdown.				
		STEL	6 mg/m ³	2011-12-01	GB EH40
Further information	: 48: The word 'fume' is often used to include gases and vapours. This is not the case for exposure limits where 'fume' should normally be applied to solid particles generated by chemical reactions or condensed from the gaseous state, usually after volatilisation from melted substances. The generation of fume is often accompanied by a chemical reaction such as oxidation or thermal breakdown.				

8.2 Exposure controls Engineering

measures

Effective ventilation in all processing areas



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Personal protective equipment

- Respiratory protection : Breathing apparatus needed only when aerosol or mist is formed.
In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.
Use respirator when performing operations involving potential exposure to vapour of the product.
- Hand protection : The suitability for a specific workplace should be discussed with the producers of the protective gloves.
- Eye protection : Eye wash bottle with pure water
Tightly fitting safety goggles
Wear face-shield and protective suit for abnormal processing problems.
- Skin and body protection : impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Hygiene measures : When using do not eat or drink.
When using do not smoke.
Wash hands before breaks and at the end of workday.

Environmental exposure controls

- General advice : Do not let product enter drains.
Try to prevent the material from entering drains or water courses.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance : liquid
Colour : opaque
- Flash point : 32 °C
- Density : 0,86 g/ml at
25 °C
- Viscosity, dynamic : 10 - 20 mPa.s at
25 °C



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10. Stability and reactivity

10.1 Reactivity

10.2 Chemical stability

10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed.

: Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Conditions to avoid : Avoid contact with combustible material (paper, wool, oil).

10.5 Incompatible materials 10.6 Hazardous decomposition products

Hazardous decomposition products : Stable under normal conditions.

11. Toxicological information

11.1 Information on toxicological effects acute toxicity

Acute oral toxicity : no data available

Skin corrosion/irritation

Skin irritation : no data available

Serious eye damage/eye irritation

Eye irritation : no data available

Respiratory or skin sensitisation

Sensitisation : no data available

Target Organ Systemic Toxicant - Repeated exposure

: no data available

Further information

: no data available

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12. Ecological information

12.1 Toxicity

Toxicity to fish: no data available

Toxicity to daphnia and other aquatic invertebrates : no data available

12.2 Persistence and degradability

Biodegradability : no data available

12.3 Bioaccumulative potential

Bioaccumulation : no data available

12.4 Mobility in soil 12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

13. Disposal considerations

13.1 Waste treatment methods

Product : Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.
Do not burn, or use a cutting torch on, the empty drum.

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14. Transport information

Land transport

ADR / RID: Class: 3
Packaging group: III
UN number: 1993
ADR/RID-Labels: 3
Description of the goods: FLAMMABLE LIQUID, N.O.S. (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics)
ENVIRONMENTALLY HAZARDOUS

Sea transport

IMDG:
Class: 3
Packaging group: III
UN number: 1993
Labels: 3
EmS: F-E S-E
Description of the goods: FLAMMABLE LIQUID, N.O.S. (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics)
Marine Pollutant

Air transport IATA-DGR

:
Class: 3
Packaging group: III
UN/ID No.: UN 1993
Labels: 3
Description of the goods: Flammable liquid, n.o.s. (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics)

15. Regulatory information

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

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59) : This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).

Major Accident Hazard Legislation : 96/82/EC Update: Flammable. 6
Quantity 1: 5.000 t
Quantity 2: 50.000 t

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15.2 Chemical Safety Assessment

16. Other information

Full text of R-phrases referred to under sections 2 and 3

R10	Flammable.
R36	Irritating to eyes.
R43	May cause sensitisation by skin contact.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.

Full text of H-Statements referred to under sections 2 and 3.

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction. H319
	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

The information contained herein is based on the present state of our knowledge and does therefore not guarantee certain properties.