



Manufacturers & Suppliers of SMART Repair
Systems to the Automotive Industry

CHIPRITE 816 TINTER SAFETY DATA SHEET

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

Product name

816 - Medium Aluminium Basecoat Tinter

Supplied by

Ayce Systems, Worth Enterprise Park, Valley Road, Keighley, West Yorkshire, BD21 4LN

Telephone

01535 691888

Date of preparation

02/12/2010

2. Hazards identification:

Classification of the substance or mixture

Classification under CHIP: R10, R52/53, R66, R67

Most important adverse effects: Flammable. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Repeated exposure may cause dryness or cracking. Vapours may cause drowsiness and dizziness.

Label elements

Risk phrases: R10: Flammable
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R66: Repeated exposure may cause skin dryness or cracking
R67: Vapours may cause drowsiness and dizziness

This substance is not identified as a PBT substance.

3. Composition/information on ingredients of note:

Hazardous ingredients:

N-BUTYL ACETATE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
204-658-1	123-86-4	R10, R66, R67 Substance with a Community workplace exposure limit.	-	30-50%

LOW BOILING POINT NAPHTHA - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.

EINECS	CAS	CHIP Classification	CLP Classification	Percent
265-199-0	64742-95-6	Xn: R65, R10; Xi: R37; N: R51/53	-	10-30%

2-METHOXY-1-METHYLETHYL ACETATE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
203-603-9	108-65-6	R10 Substance with a Community workplace exposure limit.	-	1-10%

XYLENE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
215-535-7	1330-20-7	R10; Xn: R20/21; Xi: R38	-	1-10%

BUTAN-1-OL

EINECS	CAS	CHIP Classification	CLP Classification	Percent
200-751-6	71-36-3	R10; Xn: R22; Xi: R37/38; Xi: R41 R67	-	1-10%

ETHYLBENZENE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
202-849-4	100-41-4	F: R11; Xn: R20	-	1-10%

1,2,4-TRIMETHYLBENZENE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
202-436-9	95-63-6	R10; Xn: R20; Xi: R36/37/38; N: R51/53	-	<1%

MESITYLENE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
203-604-4	108-67-8	R10, Xi: R37; N: R51/53	-	<1%

CUMENE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
202-704-5	98-82-8	R10; Xi: R37; N: R51/53; Xn: R65	-	<1%



4. First aid measures

Inhalation

Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). In all cases of doubt or when symptoms persist, seek medical attention. Have Safety Data Sheet information available. Never give anything by mouth. There may be irritation of the throat with a feeling of tightness in the chest.

Skin contact

Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult doctor. There may be irritation and redness at the site of contact.

Eye contact

Bathe the eye with running water for 15 minutes. Consult a doctor. There may be irritation and redness. The eyes may water profusely.

Ingestion

Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor. There may be irritation of the throat with a feeling of tightness in the chest.

5. Firefighting measures

Extinguishing media

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers. DO NOT use water jet.

Exposure hazards

In combustion emits toxic fumes.

Advice for fire fighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. Accidental release measures

Personal precautions

Refer to section 8 for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

Environmental precautions

Do not discharge into drains or rivers. Contain the spillage using bunding.

Spill cleanup methods



Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. Handling and storage

Handling

Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formulation or spread of mists in the air. Do not eat, drink or smoke in areas where this product is used or stored. Avoid contact with eyes and skin. An eye wash station should be located in the working area. Ensure all containers are handled and opened with care, never use pressure to empty.

Conditions for safe storage

Store in cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids. Keep preferably in original container. Avoid: Those sensitive to solvents.

Specific end use

FOR PROFESSIONAL USE ONLY.

8. Exposure controls/personal protection

Hazardous ingredients

N-BUTYL ACETATE

Workplace exposure limits:			Respirable dust	
State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	724 mg/m ³	966 mg/m ³	-	-

2-METHOXY-1-METHYLETHYL ACETATE

UK	274 mg/m ³	548 mg/m ³	-	-
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XYLENE

UK	220 mg/m ³	441 mg/m ³	-	-
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BUTAN-1-OL

UK	-	154 mg/m ³	-	-
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ETHYLBENZENE

UK	441 mg/m ³	552 mg/m ³	-	-
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1,2,4-TRIMETHYLBENZENE

UK	125 mg/m ³	-	-	-
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MESITYLENE

UK	25 ppm	-	-	-
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CUMENE

UK	125 mg/m ³	250 mg/m ³	-	-
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Engineering measures

Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids. This product should not be used by any person with a history of asthma, allergies, chronic or recurrent respiratory disease. Airfed protective respiratory equipment must be worn by spray operator, even when there is good ventilation provided. Avoid the inhalation of vapour, spray mist and particulates. When sprayed apply only in suitable installation with negative pressure. Ensure all engineering measures mentioned in section 7 are in place.

Respiratory protection

Always wear appropriate respiratory equipment when paint spraying, even outdoors. In all cases when working in a confined area or spraybooth, operators should wear a compressed airfed respirator during the spraying process. The European Group of vehicle manufacturers united in CEPE recommends the use of fresh-air masks as the best personal protection during spraying of any refinish paint. All personal protective equipment, including respiratory protective equipment, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH regulations.

Eye and hand protection

Safety glasses. Ensure eye bath is to hand. Impermeable gloves. Impermeable protective clothing.

9. Physical and chemical properties

State:	Liquid
Odour:	Characteristic odour
Solubility in water:	Not miscible
Flash point:	23°C
VOC g/l:	659

10. Stability and reactivity**Reactivity**

Stable under recommended transport or storage conditions.

Chemical stability

Stable under normal conditions.

Hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

Conditions to avoid

Heat.

Materials to avoid

Strong oxidising agents. Strong acids.

Hazardous decomposition products

In combustion emits toxic fumes.

11. Toxicological information

Toxicity values

Not applicable.

Symptoms/routes of exposure

Skin: There may be irritation and redness at the site of contact.

Eye: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed/immediate effects: Immediate effects can be expected after short-term exposure

12. Ecological information

Ecotoxicity values

Not applicable

Persistence and degradability

Not biodegradable.

Bioaccumulative potential

Bioaccumulative potential.

Other ecological information

Readily absorbed into soil. This substance is not identified as a PBT substance. Toxic to aquatic organisms. Toxic to soil organisms.

13. Disposal considerations

Transfer to a suitable container and arrange for collection by specialist disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. Transport information

UN Number:	UN1263
UN proper shipping name:	PAINT
Transport hazard class(es):	3
Packing group:	III
Environmentally hazardous:	No
Marine pollutant:	No



Special precautions:	No special precautions
Tunnel code:	D/E
Transport category:	3

15. Regulatory information

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

16. Other information

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 435/2010.

Phrases used in S2 & 3:

R10:	Flammable
R11:	Highly flammable
R20/21:	Harmful by inhalation and in contact with skin
R20:	Harmful by inhalation
R22:	Harmful if swallowed
R36/37/38:	Irritating to eyes, respiratory system and skin
R37/38:	Irritating to respiratory system and skin
R37:	Irritating to respiratory system
R38:	Irritating to skin
R41:	Risk of serious damage to eyes
R51/53:	Toxic to aquatic organisms, may cause long-term adverse effects
R52/53:	Harmful to aquatic organisms, may cause long-term adverse effects
R65:	Harmful: may cause lung damage if swallowed
R66:	Repeated exposure may cause skin dryness or cracking
R67:	Vapours may cause drowsiness and dizziness

Legal disclaimer:

The information provided in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for the safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

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