



HEALTH AND SAFETY PRODUCT INFORMATION

Product: Cavity Wax Aerosol

Date: 1st May 2009

Product code:472118

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1.

Company's Name and Address
INDASA Abrasives (UK) Limited, Viking Works, Greenstead Road, Colchester Essex CO1 2ST Tel : 01206 870366 Fax : 01206 860525 Email : office@indasa.co.uk

2.

Composition/Information on ingredients	
Global description	Active substance with propellant
Components that may contribute to hazards	
CAS: 106-97-8 EINECS: 203-448-7 Butane F+; R 12 25-50%	
CAS: 64742-49-0 EINECS: 265-151-9 Naphtha (petroleum), hydrotreated light Xn, F, N; R 11-38-51/53-65-67 10-25%	
CAS: 74-98-6 EINECS: 200-827-9 Propane F+; R 12 10-25%	
CAS: 64742-82-1 EINECS: 265-185-4 Naphtha (petroleum), hydrodesulfurized heavy Xn, N; R 10-51/53-65-66-67 10-25%	
· Additional information: For the wording of the listed risk phrases refer to section 16.	

3.

Hazards identification
Hazard description: Xi Irritant F+ Extremely flammable N Dangerous for the environment · Information concerning particular hazards for human and environment: The product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version. Warning! Pressurized container. Has a narcotizing effect. R 12 Extremely flammable. R 38 Irritating to skin. R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R 67 Vapours may cause drowsiness and dizziness.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking.

Buildup of explosive mixtures possible without sufficient ventilation.

· **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

4.

First-Aid measures

- **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** Do not induce vomiting; call for medical help immediately.

5.

Fire-Fighting measures

Extinguishing media

Use	CO2, fire-extinguishing powder or Water haze, alcohol resistant foam
Don't use	Water with full jet

Protective equipment: Mount respiratory protective device.

6.

Accident release measures

Person-related safety precautions: Wear protective equipment. Keep unprotected persons away.

· **Measures for environmental protection:**

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

- **Measures for cleaning/collecting:** Ensure adequate ventilation.

7.

Handling and storage

Handling:

· **Information for safe handling:**

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

· **Information about fire - and explosion protection:**

Do not spray onto a naked flame or any incandescent material.

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

· **Storage:**

· **Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Observe official regulations on storing packagings with pressurized containers.

- **Information about storage in one common storage facility:** Not required.

· **Further information about storage conditions:**

Keep receptacle tightly sealed.

Do not seal receptacle gas tight.

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

8.

Exposure controls/personal protection

· **Additional information about design of technical facilities:** No further data; see item 7.

· **Ingredients with limit values that require monitoring at the workplace:**

106-97-8 butane

WEL Short-term value: 1810 mg/m³, 750 ppm

Long-term value: 1450 mg/m³, 600 ppm

74-98-6 propane

WEL Long-term value: 1800 mg/m³, 1000 ppm

Asphyxiant

· **Additional information:** The lists valid during the making were used as basis.

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

· **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Use suitable respiratory protective device in case of insufficient ventilation.

· **Protection of hands:**

Protective gloves

Solvent resistant gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**

Tightly sealed goggles

· **Body protection:** Use protective suit.

9.

Physical and chemical properties

Physical state	Liquid	pH	-
Form	Aerosol	Log P octanol/water	-
Colour	Amber brown	Solubility in water	Not miscible
Temperatures		Viscosity	CST.
Melting point	-	Vapour pressure at 20 C	8300.0 hPa
Boiling point	-44o C	Vapour density	-
Flash point	97 °C	Density at 20 C	0.66 g/cm3
Ignition temperature	200 °C	Solvent content:	14.9%
Autoignition	-	Conductivity	-
Explosion range	Lower 0.6 Vol %	Odour	Solvents
Explosion range	Upper 10.9 Vol %	V.O.C. per 500ml	281 g/aerosol

10.

Stability and reactivity
<p>Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.</p> <ul style="list-style-type: none"> · Dangerous reactions No dangerous reactions known. · Dangerous decomposition products: No dangerous decomposition products known.

11.

Toxicological information
<p>Acute toxicity:</p> <ul style="list-style-type: none"> · Primary irritant effect: · on the skin: Irritant to skin and mucous membranes. · on the eye: No irritating effect. · Sensitization: No sensitizing effects known. · Additional toxicological information: <p>The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: Irritant</p>

12.

Ecological information
<ul style="list-style-type: none"> · Ecotoxicological effects: · Remark: Toxic for fish · General notes: <p>Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground. Also poisonous for fish and plankton in water bodies. Toxic for aquatic organisms</p>

13.

Disposal considerations
<ul style="list-style-type: none"> · Product: · Recommendation <p>Must not be disposed together with household garbage. Do not allow product to reach sewage system.</p> <ul style="list-style-type: none"> · European waste catalogue <p>08 02 99 wastes not otherwise specified</p> <ul style="list-style-type: none"> · Uncleaned packaging: · Recommendation: Disposal must be made according to official regulations.

14.

Transport information			
Land transport ADR/RID (cross-border)		Maritime transport IMDG:	
ADR/RID class:	2 5F Gases	IMDG Class:	2.1
Danger code (kemler)	23	UN Number:	1950
UN-Number:	1950	Label:	2.1
Packaging group:		Packaging group:	
Hazard label:	2.1	EMS Number:	F-D,S-U
Description of goods:	1950 Aerosols	Marine pollutant:	Yes
		Proper shipping name:	Aerosols
Air transport ICAO-T1 and IATA-DGR:			
ICAO/IATA Class:	2.1	Packaging group:	
UN/ID Number:	1950	Proper shipping name:	Aerosols, flammable
Label:	2.1		

15.

Regulatory information	
<p>Labelling according to EU guidelines: The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.</p>	
<p>· Code letter and hazard designation of product: Xi Irritant F+ Extremely flammable N Dangerous for the environment</p>	
<p>· Risk phrases: 12 Extremely flammable. 38 Irritating to skin. 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. 67 Vapours may cause drowsiness and dizziness.</p>	
<p>· Safety phrases: 2 Keep out of the reach of children. 23 Do not breathe fumes/aerosol. 24 Avoid contact with skin. 46 If swallowed, seek medical advice immediately and show this container or label. 51 Use only in well-ventilated areas.</p>	
<p>· Special labelling of certain preparations: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of smoking Buildup of explosive mixtures possible without sufficient ventilation.</p>	
<p>· National regulations: · Technical instructions (air): Class Share in % NK 50-100</p>	
<p>· Waterhazard class: Water hazard class 2 (Self-assessment): hazardous for water. · VOC-CH 85.13 % · VOC-EU 561.9 g/l · Danish MAL Code 5-3</p>	

16.

Other information		
Creation date	01.05.09	Production Management
Replace sheet of	05.01.09	Phill Blowers
<p>This leaflet is for general guidance only and may contain inappropriate information under particular conditions. Samples will be provided on request to enable customers to satisfy themselves as to the suitability of the product for any specific purpose and to assess the product under their own working conditions.</p>		