



HEALTH AND SAFETY PRODUCT INFORMATION

Product: Under Body Coating Aerosol

Date: 1st May 2009

Product code:472132

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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			
Name	CAS.nr	Range W/W%	R-phrases
Propane EINECS: 200-827-9	74-98-6	10-25	12 F+
Solvent Naphtha (petroleum) light aroma EINECS: 265-199-0	64742-95-6	10-25	10,37,51/53,65,66,67 Xn N
Naphtha (petroleum) hydrodesulfurized heavy EINECS: 265-185-4	64742-82-1	10-25	10,51/53,65,66,67 Xn N
Naphtha (petroleum) hydrotreated light EINECS: 265-151-9	64742-49-0	2.5-10	11,38,51/53,65,67 Xn F N
Butanone EINECS: 201-159-0	78-93-3	2.5-10	11,36,66,67 Xi F
Methanol EINECS: 200-659-6	67-56-1	0.1-1.0%	T,F; R11-23/24/25-39/23/24/25

3.

Hazards identification	
Specific hazards	
R-phrases	Description
12	Extremely flammable
51/53	Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment
66	Repeated exposure may cause skin dryness or cracking
67	Vapours may cause drowsiness and dizziness

4.

First-Aid measures	
Inhalation	Supply fresh air, consult doctor in case of complaints.
Skin	Generally the product does not irritate the skin
Eyes	Rinse opened eye for several minutes under running water.
Ingestion	Do not induce vomiting. Call for medical advice immediately.

5.

Fire-Fighting measures	
Extinguishing media	
Use	Water haze. Fire extinguishing powder. Carbon dioxide. Alcohol resistant foam.
Don't use	Water with full jet
Protective equipment: Mount respiratory protective device.	

6.

Accident release measures	
Personal precautions	
Wear protective equipment. Keep unprotected persons away.	
Environmental precautions	
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	Open and handle receptacle with care. Keep away from ignition sources. No smoking. Protect against electrostatic charges. Use only in well-ventilated area. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after burn. Do not spray on a naked flame or any incandescent material.
Storage	Store in a cool location. Observe official regulations on storing packagings with pressurized containers. 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	
Name	MAC
74-98-6 Propane WEL Long term value - Asphyxiant	1800mg/m³, 1000 ppm
78-93-3 Butanone WEL Short term value	899 mg/m³, 300 ppm
Long term value	600 mg/m³, 200 ppm
IOELV, Sk Bmgv	
67-56-1 Methanol WEL Short term value	333 mg/m³, 250 ppm
Long term value	266 mg/m³, 200 ppm
Sk 1LV	
Respiratory	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.
Hand	Protective gloves, solvent resistant gloves. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation
Eye	Tightly sealed goggles
Skin and body	Use protective suit.

9.

Physical and chemical properties			
Physical state	Liquid	Self-igniting	The product is not self-igniting
Form	Aerosol	Solvent content: Organic solvents:	74%
Color	Black	Solubility in water	Not miscible or difficult to mix.
Temperatures		Viscosity	
Melting point	Undetermined	Vapour pressure @ 20°C	8300.0.hPa
Boiling point	-44°C	Vapour density @ 20°C	0.763 g/cm ³
Flash point	-97°C	density	0.74 g/ cm ³
Ignition temperature	200°C	Solid Content	27.0%
Explosion range	Lower 0.6 vol %	Odour	Characteristic
Explosion range	Upper 10.9 Vol %	V.O.C. per 500ml	185 G

10.

Stability and reactivity	
Conditions to avoid	No decomposition if used according to specifications
Dangerous reactions	No dangerous reactions known.
Dangerous decomposition products	No dangerous decomposition products known.

11.

Toxicological information	
LD/LC50 Values	64742-95-6 Solvent naphtha (petroleum), light aroma Oral LD50 >6800 mg/kg (rat) Dermal LD50 >3400 mg/kg (rab) Inhalative LC50/4 h >10.2 mg/1 rat 78-93-3 Butanone Oral LD50 3300 mg/kg (rat) Dermal LD50 5000 mg/kg (rat)
Skin	No irritant effect
Eyes	No irritant effect
Sensitisation	No sensitizing effects known

12.

Ecological information
<p>Toxic for fish.</p> <p>General notes:</p> <p>Water hazard class 2 (German Regulation) (Self-assessment): Hazardous for water.</p> <p>Do not allow product to reach ground water, water course or sewage system.</p> <p>Danger to drinking water if even small quantities leak into the ground.</p> <p>Also poisonous for fish and plankton in water bodies.</p> <p>Toxic for aquatic organisms.</p>

13.

Disposal considerations
<p>Must not be disposed together with household garbage. Do not allow product to reach sewage system.</p> <p>European waste catalogue: 08 02 99 Wastes not otherwise specified.</p> <p>Uncleaned packaging: Disposal must be made according to official regulations.</p>

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 polutant:	Yes
		Proper shipping name:	Aerosols
Air transport ICAO-T1 and IATA-DGR			
ICA/IATA Class:	2.1	Packaging group:	
UN/ID Number:	1950	Proper shipping name:	Aerosols, flammable.
Label	2.1		

15.

Regulatory information	
EC-classification	
Contains	-
Symbol	F+ Extremely flammable N – Dangerous for the environment
R-phrases	12, 51/53, 66, 67
S-phrases	2,23, 24 46, 51

16.

Other information		
Creation date	01.05.09	Production Management
Replace sheet of	05.01.09	Phil Blowers
<p>R12 Extremely Flammable R51/53 Toxic 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 S2 Keep out of reach of children S23 Do not breathe gas/fumes/vapour/spray S24 Avoid contact with skin S46 If swallowed seek medical advice immediately and show this container or label S51 Use only in well ventilated areas</p>		
<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>		