



INDASA

HEALTH AND SAFETY PRODUCT INFORMATION

Product: Stone Chip Aerosol White

Date: 31st JULY 2012

Product code: 472507

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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	Mixture of synthetic rubber, resins, fillers and solvents			
Components that may contribute to hazards				
Name	EC No.	CAS-No.	Content %	Classification (67/548/EEC)
Acetone	200-662-2	67-64-1	10-30%	F; R11 Xi; R36 R66, R67
Butane	203-448-7	106-97-8	5-10%	F+; R12
Isobutane	200-857-2	75-28-5	1-5%	F+; R12
Propane	200-827-9	74-98-6	10-30%	F+; R12
Trizinc Bis (Orthophosphate)	231-944-3	7779-90-0	1-5%	N;R50/53
Xylene	215-535-7	1330-20-7	10-30%	R10 Xn; R20/21 Xi; R38
The Full text for R-Phrases is Displayed in Section 16				

3.

Hazards identification

Extremely flammable. Harmful by inhalation and in contact with skin. Toxic to aquatic organisms, may cause long-term adverse effect in the aquatic environment.

CLASSIFICATION 1999/45) Xn; R20/21. Xi;R36/38. F+R12. N;R51/53

ENVIRONMENT

The product is not expected to be hazardous to the environment.

PHYSICAL AND CHEMICAL HAZARDS

Pressurised container. Must not be exposed to temperatures above 50°C. The product is extremely flammable, and explosive vapour/air mixtures may be formed even at normal room temperature.

HUMAN HEALTH

In high concentrations, vapours and spray mists are narcotic and may cause headache, fatigue, dizziness and nausea.

4.

First-Aid measures	
Inhalation	Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.
Skin	Wash the skin with soap and water. Get medical attention if any discomfort continues.
Eyes	Immediately rinse with water. Continue to rinse for at least 15 minutes. Make sure to remove any contact lenses from the eyes before rinsing. Get medical attention promptly if systems occur after washing.
Ingestion	Immediately rinse mouth and provide fresh air. Do not induce vomiting. Get medical attention.

5.

Fire-Fighting measures
<p>EXTINGUISHING MEDIA Water spray, foam, dry powder or carbon dioxide.</p> <p>SPECIAL FIRE FIGHTING PROCEDURES Use water spray to reduce vapours. Aerosol cans may explode in a fire. Cool aerosol containers exposed to heat with water spray and remove container if no risk is involved.</p> <p>UNUSUAL FIRE AND EXPLOSION HAZARDS Extremely flammable. Forms explosive mixtures with air. May explode in a fire. Vapours are heavier than air and may spread near the ground to sources of ignition.</p> <p>SPECIFIC HAZARDS Pressurised container: Must not be exposed to temperatures above 50°C.</p>

6.

Accident release measures
<p>PERSONAL PRECAUTIONS Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area. Keep unprotected persons away</p>
<p>ENVIRONMENTAL PRECAUTIONS Do not allow product to reach sewage system or any water course. Prevent seepage into sewage system, workpits and cellars Inform respective authorities in case of seepage into water course or sewage system Do not allow to enter sewers/surface or ground water</p>
<p>METHODS FOR CLEANING-UP Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Provide ventilation and confine spill. Do not allow runoff to sewer.</p>

7.

Handling and storage	
Handling	Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations. Avoid inhalation of vapours and spray mists. Do not spray on a naked flame or any incandescent material. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited. Ensure good ventilation/exhaustion at the workplace. Do not smoke. Protect against

	electrostatic charges
Storage	Extremely flammable. Store at moderate temperatures in dry, well ventilated area. Keep away from heat, sparks and open flame. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

8.

Exposure controls/personal protection					
Name	STD	TWA – 8 Hrs		STEL – 15 Min	Notes
Acetone	WEL	500 ppm	1210mg/m ³	1500 ppm 3620 mg/m ³	
Butane	WEL	600 ppm	1450 mg/m ³	750 ppm 1810mg/m ³	
Isobutane		Asphyxiating		Asphyxiating	
Propane		Asphyxiating		Asphyxiating	
Xylene	WEL	50 ppm (Sk)	220 mg/m ³ (Sk)	100 ppm (Sk) 441 mg/m ³ (Sk)	
WEL = Workplace Exposure Limit					
RESPIRATORY EQUIPMENT No Specific recommendation made, but respiratory protection must be used if the general level exceed the recommended occupational exposure limit. In case of inadequate ventilation use suitable respirator.					
HAND PROTECTION Protective gloves should be used if there is a risk to direct contact or splash.					
EYE PROTECTION Wear approved chemical safety goggles where eye exposure is reasonably probable.					
HYGIENE MEASURES When using do not eat, drink or smoke. Wash promptly if skin becomes wet or contaminated.					

9.

Physical and chemical properties			
Appearance	Aerosol	Solubility in water	Insoluble in water
Color	White	Odour	of solvents
Flash point	-40°C	Flammability Limit	Lower 1.1 %
Ignition Temp	495°C	Flammability Limit	Upper 13 %

10.

Stability and reactivity	
Conditions to avoid	Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.
Stability	Highly volatile

11.

Toxicological information	
INHALATION	Harmful by inhalation.
SKIN CONTACT	Harmful in contact with skin. Irritating to skin.
EYE CONTACT	Irritating to eyes.
HEALTH WARNINGS	In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea. Arrhythmia, (deviation from normal heart beat).
ROUTE OF ENTRY	Inhalation. Skin absorption.

TARGET ORGANS	Central nervous system. Respiratory system, lungs.
MEDICAL SYMPTOMS	Narcotic effect. Vapours may cause drowsiness and dizziness.

12.

Ecological information	
ECOTOXICITY	The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment. Do not allow to enter drains, sewers or watercourses.

13.

Disposal considerations	
DISPOSAL METHODS	Make sure containers are empty discarding (explosion risk). Do not puncture or incinerate even when empty. Dispose of waste and residues in accordance with local authority requirements.

14.

Transport information



PROPER SHIPPING NAME	AEROSOLS
ENVIRONMENTALLY HAZARDOUS	No
SUBSTANCE/MARINE POLLUTANT	
UN NO. ROAD	1950
ADR CLASS NO.	2
ADR CLAS	Class 2: Gases
ADR PACK GROUP	N/A
ADR LABEL NO.	2.1
UN NO. SEA	1950
IMDG CLASS	2
EMS	F-D, S-U
UN NO. AIR	1950
AIR CLASS	2
AIR SUB CLASS	2.1
AIR PACK GR.	N/A

15.

Regulatory information



HARMFUL



**HIGHLY
FLAMMABLE**



**DANGEROUS FOR
THE ENVIRONMENT**

LABELLING

CONTAINS

XYLENE

RISK PHRASES

R12	Extremely flammable.
R20/21	Harmful by inhalation and in contact with skin.
R36/38	Irritating to eyes and skin.
R51/53	Toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment.

SAFETY PHRASES

A1	Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
A2	Do not spray on a naked flame or any incandescent material.
S2	Keep out of the reach of children.
S16	Keep away from sources of ignition – no smoking
S23	Do not breath vapour/spray.
S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S29	Do not empty into drains.
S36/37	Wear suitable protective clothing and gloves.
S51	Use only in well ventilated areas.

UK REGULATORY REFERENCES

Health and Safety at Work Act 1974. Chemicals (Hazard Information & Packaging) Regulations. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC

STATUTORY INSTRUMENTS

Control of Substances Hazardous to Health.

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply

16.

Other information	
Creation date	25.07.12
Replace sheet of	01.05.09

RISK PHRASES IN FULL

R10	Flammable
R11	Highly Flammable

R12	Extremely flammable
R20/21	Harmful by inhalation and in contact with skin
R36	Irritating to eyes
R38	Irritating to skin
R50/53	Very 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.