

1) IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY UNDERTAKING

Product Name S-A-5 White Primer
Product No SAS36 - 500 ml Aerosol
Supplier Van-Line Ltd, Gelderd Road, Leeds, LS12 6NA.
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2) HAZARDS IDENTIFICATION

Extremely flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. Irritating to eyes.

CLASSIFICATION (1999/45) Xi;R36. F+;R12. R66, R67.

3) COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content %	Classification (67/548/EEC)
2-BUTOXYETHANOL	203-905-0	111-76-2	1-5%	Xn;R20/21/22 Xi;R36/38
ACETONE	200-662-2	67-64-1	30-60%	F;R11 Xi;R36 R66 R67
BUTANE	203-448-7	106-97-8	10-30%	F+;R12
ISOBUTANE	200-857-2	75-28-5	5-10%	F+;R12
PROPANE	200-827-9	74-98-6	10-30%	F+;R12
SOLVENT NAPHTHA(PETROLEUM), LIGHT AROM.		64742-95-6	< 1%	Xn;R65. Xi;R37. N;R51/53. R10,R66,R67.
XYLENE	215-535-7	1330-20-7	5-10%	R10 Xn;R20/21 Xi;R38

4) FIRST AID MEASURES

General information

Inhalation

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues. Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep the affected person warm and at rest. Get prompt medical attention. DO NOT INDUCE VOMITING! Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Get medical attention if any discomfort continues.

Ingestion

Skin contact

Eye contact

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5) FIRE-FIGHTING MEASURES

Extinguishing media

Exposure hazards

Unusual fire & explosion hazards

Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist. Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours. Aerosol cans may explode in a fire.

6) ACCIDENTAL RELEASE MEASURES

Spill Clean-up methods

Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Let evaporate. Keep out of confined spaces because of explosion risk. If leakage cannot be stopped, evacuate area

7) HANDLING AND STORAGE

Usage precautions

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

Storage precautions

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

8) EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs	STEL - 15 Min	Notes
2-BUTOXYETHANOL	WEL	25 ppm(Sk)	50 ppm(Sk)	
ACETONE			500 ppm	1210 mg/m ³
BUTANE	WEL	600ppm	1450 mg/m ³	750 ppm
ISOBUTANE	WEL	800 ppm	800 ppm	1810 mg/m ³
PROPANE		Asphyxiating	Asphyxiating	Asphyxiating
XYLENE	WEL	50 ppm(Sk)	220 mg/m ³ (Sk)	100 ppm(Sk)

WEL = Workplace Exposure Limit.

Ingredient comments

OES = Occupational Exposure Standard. MEL = Maximum Exposure Limit.

Protective equipment



Engineering measures

Respiratory protection

Provide adequate general and local exhaust ventilation. No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. Use chemical cartridge protection with appropriate cartridge.

Hand protection

Eye protection

Other protection

Hygiene measures

Use protective gloves. Use eye protection. Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

9) PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Colour

Odour

Flammability limit - Lower[%]

Flammability limit - Upper[%]

Aerosol.
Typical.
Characteristic.
0.8
9.0

10) STABILITY AND REACTIVITY

Stability

Conditions to avoid

Haz. decomp. products

Stable under normal temperature conditions. Avoid heat, flames and other sources of ignition. Avoid contact with: Strong oxidising agents. Strong alkalis. Strong mineral acids. Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

11) TOXICOLOGICAL INFORMATION

Stability	Stable under normal temperature conditions.
Conditions to avoid	Avoid heat, flames and other sources of ignition. Avoid contact with: Strong oxidising agents. Strong alkalis. Strong mineral acids.
Haz. decomp. products	Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO ₂).
Inhalation	May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system. Harmful by inhalation. Irritating to respiratory system.
Ingestion	May cause discomfort if swallowed. May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach.
Skin contact	Harmful in contact with skin. Irritating to skin. Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.
Eye contact	Irritating to eyes. May cause chemical eye burns.
Routes of exposure	Inhalation. Skin and/or eye contact.

12) ECOLOGICAL INFORMATION

Ecotoxicity	Dangerous for the environment if discharged into watercourses.
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13) DISPOSAL CONSIDERATIONS

Disposal methods	Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements.
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14) TRANSPORT INFORMATION



Proper shipping name	AEROSOLS
Environmentally	No.
Hazardous	
Substance/Marine	
Pollutant	
UN No. Road	1950
ADR Class No.	2
ADR Class	Class 2: Gases
ADR Pack Group	Not Applicable
ADR Label Np.	2.1
UN No. Sea	1950
IMDG Class	2.1
IMDG Pack Gr.	Not Applicable
EMS	F-D, S-U
UN No. Air	1950
AIR Class	2.1
AIR PAack Gr.	Not Applicable

15) REGULATORY INFORMATION

Labelling



Extremely flammable. Harmful.

Risk phrases	R12 Extremely flammable. R36 Irritating to eyes. R66 Repeated exposure may cause skin dryness or cracking. R67 Vapours may cause drowsiness and dizziness.
Safety phrases	S2 Keep out of the reach of children. S16 Keep away from sources of ignition - No smoking. S23 Do not breathe vapour/spray. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37 Wear suitable gloves. S51 Use only in well-ventilated areas.
UK Regulatory references	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. The Control of Substances Hazardous to Health Regulations 2002.
Statutory instruments	Control of Substances Hazardous to Health. The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).
Approved code of practice	Classification and Labelling of Substances and Preparations Dangerous for Supply.
Guidance notes	Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG108].

16) OTHER INFORMATION

Risk phrases in full	R12 Extremely flammable. R10 Flammable. R20/21 Harmful by inhalation and in contact with skin. R20/21/22 Harmful by inhalation, in contact with skin and if swallowed. R65 Harmful: may cause lung damage if swallowed. R11 Highly flammable. R36/38 Irritating to eyes and skin. R36 Irritating to eyes. R37 Irritating to respiratory system. R38 Irritating to skin. R66 Repeated exposure may cause skin dryness or cracking. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R67 Vapours may cause drowsiness and dizziness.
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