



MATERIAL SAFETY DATA SHEET FOR BOSS GAS PAINT



1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product type:	Gloss Paint (Lead Free)
Intended use:	Finish for brush application
Trade Name:	BOSS Gas Paint
Supplier of product:	The BSS Group Ltd
Registered Office:	Fleet House, Lee Circle, Leicester, LE1 3QQ
Telephone/Fax Numbers:	0116 262 3232 / 0116 253 1343
E-mail Address	reception@bssgroup.com
Web site Address	www.bss-group.co.uk

2. HAZARD IDENTIFICATION

Classification (EC 1272/2008)		
Physical and Chemical Hazards	Human health	Environment
Flam. Liq. 3 – H226	Asp. Tox. 1 – H304	Aquatic Chronic 3 – H412
Classification (1999/45/EEC)		
Xn; R65. R52/53		
Label Elements		
Contains: NAPHTHA (PETROLIUM), HYDRODESULFURIZED HEAVY; LOW BOILING POINT HYD		
Label in Accordance with (EC) No. 1272/2008		
 		
Signal Word	Danger	
Hazard Statements		
	H226	Flammable liquid and vapours
	H304	May be fatal if swallowed and enters airways
	H412	Harmful to aquatic life with long lasting effects
Precautionary Statements		
	P501	Dispose of contents/container to
Supplementary Precautionary Statements		
	P210	Keep away from heat/sparks/open flames, hot surfaces. No Smoking
	P233	Keep container tightly closed
	P240	Ground/bond container and receiving equipment
	P241	Use explosion-proof electrical/ventilating/lighting/.../equipment
	P242	Use only non-sparking tools
	P243	Take precautionary measures against static discharge

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2. HAZARD IDENTIFICATION cont.

Supplementary Precautionary Statements cont		
	P273	Avoid release to the environment
	P280	Wear protective gloves/protective clothing/eye protection/face protection
	P301+310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
	P303+361+353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
	P331	DO NOT induce vomiting
	P370+378	In case of fire: Use for extinction
	P403+235	Store in a well ventilated place. Keep cool
	P405	Store locked up
Supplemental label information		
	EUH208	Contains LIMONENE. May produce an allergic reaction

3. COMPOSITION/INFORMATION ON INGREDIENTS.

Name	EC No	CAS No	Content
Limonene	205-341-0	138-86-3	< 1%
Classification (EC 1272/2008)		Classification (67/548/EEC)	
Flam. Liq.	3 – H226	R10	
Skin Irrit.	2 – H315	R43	
Skin Sens.	1 – H317	Xi; R38	
Aquatic Acute	1 – H400	N; R50/53	
Aquatic Chronic	1 – H410		

Name	EC No	CAS No	Content
Naphtha (Petroleum), Hydrodesulfurizide Heavy; Low Boiling Point Hyd	265-185-4	64742-82-1	10-30%
Classification (EC 1272/2008)		Classification (67/548/EEC)	
Not classified		Xn; R65 N; R51/53 R10,R66	

Name	EC No	CAS No	Content
Solvent Naphtha (Petroleum), Light Arom.; Low Boiling Point Naphtha	265-199-0	64742-95-6	< 1%
Classification (EC 1272/2008)		Classification (67/548/EEC)	
Not classified		Xn; R65. N; R51/53. R66,R67,R10	

(*)For Full Text see Section 16

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4. FIRST AID MEASURES

General Information:
Keep the affected person warm and at rest. Get prompt medical attention. Do not give victim anything to drink if they are unconscious.
Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention. If breathing stops, provide artificial respiration. Place unconscious person on the side in the recovery position and ensure breathing.
NEVER make an unconscious person vomit or drink fluid! DO NOT induce vomiting. Get medical attention immediately. Provide rest, warmth and fresh air.
Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Do NOT use solvents or thinners.
Eye Contact:
Make sure to remove any contact lenses from the eyes before rinsing. Immediately flush with plenty of water or eyewash solution for up to 10 minutes. Get medical attention immediately. Continue to rinse.

5. FIRE FIGHTING MEASURES

Extinguishing Media:
Fire can be extinguished using: Alcohol resistant foam, carbon dioxide, dry powder or water fog. Do not use water jet as an extinguisher, as this will spread the fire.
Specific Hazards arising from the substance or mixture:
Unusual Fire & Explosion Hazards May explode in a fire. May travel considerable distance to source of ignition and flash back.
Special Hazards:
In case of fire, toxic gases may be formed (CO _x , NO _x)
Special Fire Fighting Procedures:
Keep run-off water out of sewers and water sources. Dike for water control. Cool containers exposed to flames with water until well after the fire is out. Move container from fire area if it can be done without risk. If risk of water pollution occurs, notify appropriate authorities.

6. ACCIDENTAL RELEASE MEASURES



Personal Precautions:	Wear protective clothing as described in Section 8 of this safety data sheet
Methods and material for contaminated and cleaning up:	
Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Keep combustibles away from spilled material. Provide ventilation and confine spill. Do not allow runoff to sewer. Wash thoroughly after dealing with spillage. Inform Authorities if large amounts are involved. Absorb with inert, damp, non-combustible material, then flush area with water.	

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7. HANDLING AND STORAGE:

Precautions for safe handling:
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 acceptable level. Wear full protective clothing for prolonged exposure and/or high concentrations. Vapours are heavier than air and may spread near ground to source of ignition. The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures. Use engineering controls to reduce air contamination to permissible exposure level. Use explosion proof electric equipment.
Conditions for Safe Storage, including any incompatibilities:
Store in tightly closed container in a dry, cool and well-ventilated place. Store in closed original container at temperatures between 5°C and 25°C. Store away from Acids, Oxidising material, Alkalis.
Storage Class:
Chemical storage
Usage Description:
Avoid inhalation of vapours and contact with skin and eyes. Rags and the like, moistened with flammable liquids, must be discarded into designated fireproof bucket.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient Comments:	
WEL = Workplace Exposure Limits	
Protective Equipment:	 
Process Conditions:	Provide eyewash station
Engineering Measures:	Provide adequate general and local exhaust ventilation
Respiratory Protection:	No specific recommendations made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit. If ventilation is insufficient, suitable respiratory protection must be provided.
Hand Protection:	Use suitable protective gloves if risk of skin contact. Use protective gloves made of: Nitrile
Eye Protection:	Wear approved chemical safety goggles where eye exposure is reasonable probable.
Hygiene Measures:	Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes wet or contaminated. When using do not eat, drink or smoke. DO NOT SMOKE IN THE WORK AREA! Use appropriate hand lotion to prevent defatting and cracking of skin.
Skin Protection:	Wear apron or protective clothing in case of splashes

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Coloured Liquid		
Odour:	Aromatic Hydrocarbons		
Solubility in water:	Immiscible with water		
Boiling point:	132 760mm Hg	Relative Density:	1.15 20
Vapour density (air=1):	>1.0	Vapour pressure:	3.5 mm Hg at 20
Viscosity:	3.6 Ps 20	Flash Point:	> 32 Sh CC (Setaflash Closed Cup)
Flammability Limit – Lower (%)	.9	Volatile Organic Compound (VOC):	452 g/litre

10. STABILITY AND REACTIVITY

Stability:	Stable under normal temperature conditions and recommended use
Conditions to Avoid:	Avoid heat, flames and other sources of ignition
Materials to Avoid:	Strong oxidising substances. Acids – organic. Strong alkalis
Hazardous Decomposition Products:	By fire, toxic gases (CO, CO ₂ , NO _x) may be formed

11. TOXICOLOGICAL INFORMATION

Inhalation:	Harmful by inhalation. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Vapours may cause headache, fatigue, dizziness and nausea.
Ingestion:	Harmful if swallowed
Skin Contact:	Product has a defatting effect on skin. Prolonged contact may cause redness, irritation and skin.
Eye Contact:	Irritation of eyes and mucous membranes
Health Warnings:	Swallowing concentrated chemical may cause severe internal injury
Medical Symptoms:	Upper respiratory irritation. Nausea, vomiting. Allergic rash.
Medical Considerations:	Skin disorders and allergies

12. ECOLOGICAL INFORMATION


Ecotoxicity:	Dangerous for the environment: May cause long-term adverse effects in the aquatic environment
Degradability:	The product is biodegradable
Mobility:	The product is insoluble in water and will spread on water surface

13. DISPOSAL CONSIDERATIONS

General Information:	Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority
Disposal Methods:	Disposal and waste residues in accordance with local authority requirements. Absorb in vermiculite or dry sand, disposal in licensed hazardous waste.

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14. TRANSPORT INFORMATION

UN No. (ADR/RID/ADN):	1263
Proper shipping name:	PAINT
ADR/RID/ADN Class No:	3
ADR/RID/ADN Class:	Class 3: Flammable Liquids
IMDG Class:	3.3
Transport Labels:	
Packing Group:	
ADR/RID/ADN Packing Group:	III
IMDG Packing Group:	III

15. REGULATORY INFORMATION

EC DIRECTIVES :

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Registration (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/55/EEC, 93/67/EEC and 2000/21/EEC, including amendments.

16. OTHER INFORMATION

Risk Phrases in Full

R Phrase No.	Text
R10	Flammable.
R38	Irritating to skin
R43	May cause sensitisation by skin contact
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed
R66	Repeated exposure may cause skin dryness or cracking
R67	Vapours may cause drowsiness and dizziness

Hazard Statements in Full

H315	Causes skin irritation
H226	Flammable liquid and vapour
H317	May cause an allergic skin reaction
H410	Very toxic to aquatic life with long lasting effects
H400	Very toxic to aquatic life

DISCLAIMER

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.