

MATERIAL SAFETY DATA SHEET

This product is classified as a Hazardous Substance according to criteria of NOHSC Australia
Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code for transport by Rail and Air

1. IDENTIFICATION OF THE MATERIAL

Product Name: Stop Set Aerosol
Product Code: 869 MD Bk5 pg26
Supplier: GSB Chemical Co. Pty. Ltd
ACN 004 355113
84 Camp Road
Broadmeadows Vic. 3047

Telephone: +61 03 9457 1125
Facsimile: +61 03 9459 7978
Internet: www.gsbchem.com.au
e-mail: info@gsbchem.com.au

Major Uses and Methods of Application: Used as an anti-skinning spray for offset inks.

2. COMPOSITION

	CAS No.	PROPORTION
Heavy aromatic naptha	64742-94-5	> 60% w/w
2,6 Di-tert-butyl-cresol	128-37-0	< 10 % w/w
Hydrocarbon Propellent		10 - < 30 % w/w

3. HAZARDS IDENTIFICATION

Risk Phrases: Extremely flammable gas
Harmful, may cause lung damage if swallowed
Harmful by inhalation
Irritant
Vapours may cause drowsiness and dizziness
Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment

Poisons Schedule: S5

4. FIRST AID MEASURES

For advice, contact a Poisons information Centre (Phone Australia 13 1126, New Zealand 0 800 764766)

Swallowed: If swallowed, DO NOT induce vomiting. Rinse mouth with water. Give plenty of water to drink. If vomiting occurs spontaneously give further water. Seek medical treatment.

Eye: Flush with flowing water for at least 20 minutes, and if symptoms persist, seek medical attention.

Skin: Remove contaminated clothing and shoes and wash affected areas with plenty of soap and water. If irritation persists, seek medical attention. Decontaminate clothing before re-use or discard

Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If breathing laboured and patient cyanotic (blue), ensure airways are clear and have qualified person give oxygen through a facemask. If breathing has stopped apply artificial respiration at

once. In event of cardiac arrest, apply external cardiac massage. Seek medical advice.

Advice to Doctor: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Specific Hazards: Classified as highly flammable (Hydrocarbon Propellant). Combustion products include oxides of carbon. Remove sources of re-ignition. Material can form flammable mixtures or can burn only upon heating to temperatures at or above the flash point. Product can accumulate static discharge, which can cause incendiary discharge. Vapours are heavier than air and may travel a considerable distance to an ignition source and flashback.

Fire fighting advice: Do not use water in a jet
Use water spray to cool adjacent containers or structures. For fires in enclosed areas wear self-contained breathing apparatus and protective clothing. Prevent run off from fire control or dilution from entering waterways, sewers or drinking water supplies

Suitable Extinguishing Media: Use Foam, water spray or dry chemical powder, carbon dioxide

6. ACCIDENTAL RELEASE MEASURES

Extinguish or remove all sources of ignition and stop leak if safe to do so. Avoid contact with liquid. Absorb with an inert non-combustible material such vermiculite or sand. Wear full protective clothing and goggles. Prevent run off into drains or waterways. Collect and place into drums with non-sparking tools for recovery or disposal. Inform Authorities if a major spillage occurs. Evacuate all non emergency personnel from area. Dike area far ahead of liquid and recover. Emergency personnel to wear self contained breathing apparatus. Keep public away. Prevent entry into drainage systems, rivers etc. Collect with absorbent material such as sand, earth or sawdust and place into sealable containers for disposal. Disposal Product is suitable for incineration. This material is not suitable for disposal by either landfill or via municipal sewers, drains, natural waterways or rivers. Ensure waste disposal conforms to Local, State and Federal EPA waste disposal regulations.

7. HANDLING AND STORAGE

Handling: Avoid skin and eye contact and breathing in vapour. Only use in well ventilated areas.
Extinguish all naked flames. Do not smoke. Remove ignition sources. Avoid sparks. Vapours are heavier than air and may travel a considerable distance to an ignition source and flashback. Take precautions against static electricity discharges which may cause fire. Ground (earth) all equipment to ensure electrical continuity when pumping or transferring liquid. Do not empty into drains.

Storage: Store in a banded, well ventilated place away from flammables, oxidizing agents, corrosives. Keep containers closed when not in use.

8. EXPOSURE AND PERSONAL PROTECTION

Not specified by the National Occupational Health and Safety Commission (Worksafe Australia).
Recommended Exposure Limit: 100 gm/ m³, 8 hours (TWA) Time Weighted Average.

Personal Protection:

Eye protection: Safety glasses, goggles or face shield as required
Hand Protection: PVC, neoprene or nitrile rubber gloves

Footwear: Rubber boots

Respiratory Protection: If airborne concentrations are likely to exceed the Exposure Standard, wear approved organic vapour respiratory protection (AS/NZS 1715 and 1716). In high vapour concentrations, wear an air-supplied hood

Safety showers with eyewash should be provided in all areas where product is handled. No respiratory protection required if engineering, storage and handling controls are adequate

Engineering Controls: General (mechanical) room ventilation plus special local exhaust ventilation at points where vapour could escape to the work environment. All ventilation equipment must be fitted with flame and explosion proof electrical fittings

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Water white liquid, hydrocarbon odour
Boiling Range: 160 – 215 °C
Vapour Pressure: < 1.3 KPa @ 20°C
Specific Gravity: 0.88 @20°C
Flash Point: > 62°C
Explosive Limits: LEL: 0.8%, UEL 6%
Solubility in water: insoluble

10. STABILITY AND REACTIVITY

Stable. Avoid: Heat, sparks, flames and build up of static electricity. Avoid: Strong oxidising agents. Hazardous decomposition products: Carbon monoxide. Hazardous polymerization: Will not occur. Contents under pressure avoid puncturing can

11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity: Low toxicity LD50 > 2000mg/kg, Rat
Acute Dermal Toxicity: Low toxicity LD50 > 2000mg/kg, Rat
Acute Inhalation Toxicity: Low toxicity LC50 > near saturated vapour concentration / 4 hours, Rat

No adverse health effects expected if the product is handled in accordance with this MSDS and product label. Symptoms or effects that may arise if the product is misused and overexposure occurs are:

Swallowed: Stop Set is classified as toxic and harmful if swallowed. May cause irritation to mouth, throat and digestive tract. Swallowing can result in drowsiness, nausea, vomiting and may lead to unconsciousness. Aspiration of liquid into the lungs during ingestion or due to vomiting may cause bronchopneumonia or pulmonary oedema.

Eye: A severe eye irritant. Vapour can also irritate the eyes.

Skin: May cause skin irritation after prolonged or repeated contact. Chronic, repeated or prolonged contact may defat the skin and lead to allergic contact dermatitis.

Inhalation: Inhalation over a short period of time (i.e. 4-8 hours) can result in irritation of the mucous membranes and respiratory system, headache and nausea. Inhalation of higher concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgement and, if exposure is prolonged, unconsciousness.

WARNING: Intentional misuse by concentrating/inhaling contents may be lethal. If exposure to highly concentrated solvent atmosphere is prolonged this may lead to narcosis, unconsciousness, even coma and possible death.

12. ECOLOGICAL INFORMATION

Aquatic Toxicity: Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment

Prevent material from entering waterways and drainage systems.
When released into the soil, may evaporate and biodegrade to a moderate extent.
When released into the water, may biodegrade to a moderate extent.
When released into the air, may be moderately degraded by photo-chemical reactions
Has the potential to bioaccumulate.

13. DISPOSAL

Contents under pressure avoid puncturing empty can. Recover or recycle if possible. Disposal in accordance with local laws and regulations.

14. TRANSPORT INFORMATION

U.N. Number:	1950	Hazchem Code:	3[Y] E
D. G Class:	2.1 Flammable Gas	Packaging Group:	II
Poisons Schedule:	S5		
Proper shipping Name:	Aerosols		

15. REGULATORY INFORMATION

Risk Phrase: R12 Extremely flammable
R 20 Harmful by inhalation
R22 Harmful if swallowed
R36/37/38 Irritating to eyes, respiratory system and skin
R50/51/53 Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment

Safety Phrase: S2 Keep out of the range of children
S/14/15/16 Keep away from heat, sources of ignition and store below 50°C
S24/ 25 Avoid contact with skin and eyes
S36/37/39 Wear suitable protective clothing gloves and eye / face protection

Hazard Category: Xn Harmful, Irritant, Highly Flammable Gas

16. OTHER INFORMATION

Contact: Technical Manager
Telephone (03) 94571125

The information and recommendations in this publication are to the best of our knowledge accurate at the time of publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or process. Nothing herein is to be construed as warranty, expressed or implied. In all cases, it is the responsibility of the user to determine the applicability of such information or the suitability of any products for their own particular use.

END OF MSDS