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1. IDENTIFICATION

PRODUCT NAME: SG 300 – Silicone Lubricant Spray

SUPPLIER: POLYPIPE BUILDING PRODUCTS
BROOMHOUSE LANE
EDLINGTON
DONCASTER
DN12 1ES

TELEPHONE: 01709 770000

EMERGENCY: 01623 722 661 (Sanglier Ltd)

EMAIL: bpdatasheets@polypipe.com

The following information is based upon our current knowledge and experience of our products and is not exhaustive. It applies to the product range outlined above. The potential hazards identified, together with the recommended precautions for storage, handling and use, give the basic information for conducting workplace risk assessments and adequate control measures under the Control of Substances Hazardous to Health Regulations 2002, Control of Substances Hazardous to Health (Amendment) Regulations 2004 and the Approved Code of Practice

2. HAZARDS IDENTIFICATION

Highly Flammable. Vapours may cause drowsiness and dizziness. Irritating to skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Classification - Xi;R38. F+;R12. N;R51/53. R67.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC No	Cas-No	Content	Classification
Aliphatic hydrocarbon	265-151-9	64742-49-0	30-60%	Xn;R65. Xi;R38. F;R11. N;R51/53. R67.
Butane/Isobutene	201-159-0	78-93-3	60-100%	F;R11 Xi;R36 R66 R67
Propane	200-827-9	74-98-6	10-30%	F+;R12

Product Description: Lubricant for use in easy and speedy connection of sealing joints on a wide variety of piping materials including metal, ceramic and plastic.

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.

Ingestion: Immediately rinse mouth and provide fresh air. Do not induce vomiting. Get medical attention if any discomfort continues.

Skin contact: Wash skin with soap and water. Get medical attention if any discomfort continues.

Eye contact: 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 symptoms occur after washing.

General information: Move the exposed person to fresh air at once.

5. FIRE FIGHTING MEASURES

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Extinguishing Media: Fire can be extinguished using Powder, Foam OR Carbon Dioxide.
Special Fire Fighting Procedures: Use water spray to reduce vapours. Aerosol cans may explode in a fire. Cool the Aerosol cans exposed to heat with water spray and remove if no risk is involved.
Unusual fire & 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.
Specific Hazards: Pressurised container, and must not be exposed to temperatures above 50°C.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.
Environmental precautions: Avoid discharge into drains.
Spill clean up methods: 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.

7. HANDLING AND STORAGE

Usage precautions: 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.
Storage precautions: Extremely flammable. Store at moderate temperatures in dry, well ventilated area. Keep away from heat, sparks and open flame. Pressurised 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

Workplace Exposure Limits
Butane/Isobutene – WEL Std - 600ppm (8 hr TWA), 750ppm (15 min STEL).[Ref: EH40/2005 and subsequent revisions]

Respiratory Equipment: No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit. In case of inadequate ventilation use suitable respirator.

Protective Gloves: For prolonged or repeated skin contact use suitable protective gloves.

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
Colour: Varying
Odour: Solvents
Physical Data: Information given concerns the major ingredients. 23 Flammable Gas
Flash Point: - <40°C.
Auto Ignition Temp: 410 – 580°C
Flammability Limits: Lower -1.8%, Upper – 9.5%.

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Skin contact: Irritating to skin. Prolonged and frequent contact may cause redness and irritation.

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Eye contact: Spray and vapour in the eyes may cause irritation and smarting.
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

The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment. Dangerous for the environment if discharged into watercourses. Do not allow to enter drains, sewers or watercourses.

13. WASTE DISPOSAL

Make sure containers are empty before 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

UK road class: 2, 5F
Proper shipping name: AEROSOLS
Un No. Road: 1950 UK ROAD PACK #
ADR class No. 2, 5F
ADR Class: 2: Gases.
ADR Pack Group: #
ADR Label No: 2.1
CEFIC TEC(R) No: 20GF5
RID Class No: 2, 5F
RID Pack Group: #
UN No. Sea: 1950
IMDG Page No: 2102
IMDG PACK GR: #
EMS: F-D, S-U
MFAG: See Guide
Marine Pollutant: No
UN No. Air: 1950
Air Class: 2
Air Sub Class: 2.1
Air Pack GR: #

15. REGULATORY INFORMATION

Label for Supply: Highly Flammable, Irritant, Dangerous to the Environment.
Risk Phrases:
R12 Extremely flammable.
R38 Irritating to skin.
R51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
R67 Vapours may cause drowsiness and dizziness.
Safety Phrases:
S9 Keep container in a well ventilated place.
S16 Keep away from sources of ignition – no smoking.
S24 Avoid contact with skin.
S37 Wear suitable gloves.
S51 Use only in well ventilated areas.
S60 Dispose of this material and its container to an Hazardous waste collection point.
S61 Avoid releases to the environment, refer to special instructions / data sheet.
UK Regulatory References:
Chemicals (Hazard Information & Packaging for Supply) Regulations.

16. OTHER INFORMATION

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MATERIAL SAFETY DATA SHEET**

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This safety data sheet was compiled using current safety information supplied by distributors of the component materials. Recipients of the product must take responsibility for observing existing laws and regulations. This Safety Data Sheet is in REACH Annex II format and supersedes all previous issues, and users are cautioned to ensure it is the current version.
Destroy all previous revisions and refer to the supplier on +44 1709 770000 for queries regarding this data sheet.