

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SUPPLIER: METPREP LTD.
CURRIERS CLOSE
CHARTER AVENUE
COVENTRY CV4 8AW

TELEPHONE: PRODUCT INFORMATION: 024 7642 1222

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CHEMICAL NAME:

PRODUCT: SPRAYMOUNT

PRODUCT NUMBERS: 13 90 05

2. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NATURE:

INGREDIENT (S):	CAS NUMBER:	%:	SYMBOL	R PHRASES
Butane:	106-97-8:	30.0 – 35.0	F+;	R:12
Naphtha	92045-53-9	10.0 – 20.0	T,	R45,65
Pentane	109-66-0:	10.0 – 15.0	F; Xn,N	R:12,51/53,65,66,67
Propane	74-98-6	7.0 – 13.0	F+;	R:12
Hydrotreated Light Naphtha	64742-49-0	10.0 – 20.0	T,	R45,65
Acetone:	67-64-1	3.0 – 7.0	F; Xi	R11,36,66,67
Acrylate Polymer	3.0 – 7.0			
Alpha-Pinene-Beta-Pinene Polymer	31393-98-3:	1.0 – 5.0		

3. HAZARDS IDENTIFICATION

Extremely flammable. Irritant. Irritating to skin. Vapours may cause drowsiness and dizziness. Harmful to aquatic organisms. May cause long term adverse effects in the aquatic environment.

4. FIRST AID MEASURES**Eye Contact:**

Immediately flush eyes with large amounts of water. Get immediate medical attention.

Skin Contact:

Flush skin with large amounts of water. If irritation persists, get medical attention.

Inhalation:

Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.

Ingestion:

Do not induce vomiting. Drink two glasses of water. Call a medical doctor.

5. FIRE FIGHTING MEASURES

Flammable. Vapors or gases may travel considerable distance to ignition source and flash back.

FIRE & EXPLOSION HAZARDS: Fine mists or sprays may be flammable at temperatures below the flash point. May polymerize on heating. Sealed containers may rupture explosively if hot.

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EXTINGUISHING MEDIA: Water spray, foam, dry powder or CO₂. Keep fire exposed containers cool by spraying with water.

FIRE FIGHTING PROTECTIVE EQUIPMENT: A self-contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Eliminate sources of ignition. Ensure suitable personal protection (including respiratory protection) during removal of spillages. Prevent entry into drains. Adsorb spillages onto sand, earth or any suitable adsorbent material. Do not adsorb onto sawdust or other combustible materials. Transfer to a container for disposal or recovery. Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

7. HANDLING AND STORAGE

PRECAUTIONS FOR HANDLING: Observe precautions found on the label. Close container after each use. Ground all metal containers when transferring. Use explosion-proof equipment.

HANDLING: Avoid contact with skin and eyes.
Avoid inhalation of high concentration of vapors. Use only in well ventilated areas.
Take precautionary measures against static discharges.

STORAGE: Keep only in original container. Store in cool, dry place away from heat, sparks, flame and direct sunlight.
Keep container closed to prevent water absorption and contamination. Keep away from sources of ignition – No Smoking.

IMPORTANT: Aerosol container contains flammable gas under pressure. Extremely flammable gas and liquid.

STORAGE TEMPERATURE: Preferably not exceeding 49 °C.

INDUSTRIAL HYGIENE PRACTICES: Wash face and hands thoroughly with the soap and water after use and before eating, drinking, smoking or applying cosmetics.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Considerations should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required.

The following information is given as general guidance.

RESPIRATORS: Wear suitable respiratory protective equipment if exposure to levels above the occupational exposure limit is likely. A suitable mask with filter type A may be appropriate. In the event of formation of particularly high levels of vapor a self-contained breathing apparatus may be appropriate.

EYE PROTECTION: Safety glasses or chemical splash goggles.

GLOVES: Wear suitable gloves. PVA/Polyethylene laminate and supported PVA gloves offer the best protection. Gloves should be changed regularly and if excessive exposure has occurred.

OTHER: Wear suitable protective clothing.

OCCUPATIONAL EXPOSURE LIMITS:

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HAZARDOUS INGREDIENT (S): RECOMMENDATION:	PEL (OSHA) :	TLV (ACGIH) :	COMPANY
Butane (F+; R:12) (106-97-8)	UK HSE TWA: 600 ppm; 1430 mg/m ³ OES UK HSE STEL: 750 ppm; 1780 mg/m ³ OES		
Pentane (F; R:11) (109-66-0)	UK HSE TWA: 600 ppm; 1800 mg/m ³ OES UK HSE STEL: 750 ppm; 2250 mg/m ³ OES		
Propane (F+; R:12) (74-98-6)	UK HSE TWA: Asphyxiant OES		
Acetone (F; R:11) (67-64-1)	UK HSE TWA: 750 ppm; 1780 mg/m ³ OES UK HSE STEL: 1500 ppm; 35560 mg/m ³ OES		

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour	Clear liquid in aerosol container
pH:	Not applicable
Boiling Point:	Not determined
Melting point:	Not determined
Flash Point:	-46.00°C
Auto-flammability:	Not determined
Vapour pressure:	Not determined
Water Solubility:	Nil
Specific gravity:	0.65 water
Vapour density:	Not determined
Volatile organic compounds:	Not determined
Evaporation rate:	Not determined
Viscosity:	Not determined
Percentage volatile:	85 – 90%

10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: Heat and ignition sources; contamination.

INCOMPATIBILITY (MATERIALS TO AVOID):

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂, smoke

HAZARDOUS POLYMERIZATION: Can not occur.

CONDITIONS TO AVOID FOR HAZARDOUS POLYMERIZATION: Not applicable

11. TOXICOLOGICAL INFORMATION

Effects from Eye Contact:

Moderate eye irritation: signs/symptoms can include redness. Swelling, pain, tearing and hazy vision.

Effects from skin contact:

Mild skin irritation (after prolonged or repeated contact): signs/symptoms can include redness, swelling, and itching.

Effects from inhalation:

Intentional concentration and inhalation may be harmful or fatal.

Central nervous system depression: signs/symptoms can include headache, dizziness, drowsiness, inco-ordination, slowed reaction time, slurred speech, giddiness and unconsciousness.

Irritation (upper respiratory): signs/symptoms can include soreness of the nose and throat, coughing and sneezing.

Effects from ingestion:

Ingestion is not a likely route of exposure to this product.

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Irritation of gastrointestinal tissues: signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomit, and blood in faeces.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE AND DISTRIBUTION: Not determined

PERSISTENCE AND DEGRADATION: Not determined.

TOXICITY: Not determined

EFFECTS ON EFFLUENT TREATMENT: Not determined.

13. DISPOSAL CONSIDERATIONS

Special instructions:

Incinerate in a facility licensed to handle hazardous waste and in the presence of a combustible material. Facility must be capable of handling aerosol cans. Dispose of empty cans in a landfill/waste disposal site. Dispose of completely absorbed waste product in a facility permitted to accept chemical wastes.

14. TRANSPORTATION

UN Number UN1950
 UK ROAD/SEA FREIGHT (IMO) CLASSIFICATION
 Substance Identification Number: UN1950

Class: 2.0
 Packing Group: Not applicable
 Proper Shipping Name: Aerosols
 CDG-ROAD (if applicable) Not applicable
 ADR/RID CLASSIFICATION
 Class: 2.0
 Item Number: 5 f
 ICAD/IATA CLASSIFICATION
 Class: 2.1
 Sub-Risk: Not applicable
 Packing Group: Not applicable
 Proper Shipping Name: Aerosols Flammable N.O.S

15. REGULATORY INFORMATION

EC REGULATIONS –
 EINECS: all chemical listed
 EEC Classification: FLAMMABLE AND IRRITANT
 Symbol: Indication of Danger



F Highly Flammable



Xi Irritant

Risk Phrase: Extremely flammable. May be harmful if inhaled. Vapours may ignite Explosively.

Safety Phrases: Keep away from heat. Keep away from sources of ignition including Pilot lights and sparks. No smoking. Do not spray directly into eyes. Avoid prolonged or repeated contact with the skin. In case of contact With eyes, rinse immediately with plenty of water and seek medical Advice after contact with skin, wash with soap and water.
 WARNING! Pressurised container. Protect from sunlight and do not

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Expose to temperatures exceeding 50 degrees C. Do not pierce or burn even after use. Do not spray on naked flame or incandescent material. Keep out of reach of children.

16. ADDITIONAL INFORMATION

This data sheet was prepared in accordance with Directive 91/155/EEC.

The above information has been gathered from reliable sources and is believed to be correct. However, the information is provided without any warranty, either expressed or implied. MetPrep Ltd shall not be held liable for any damage resulting from the handling of or contact with the above product.