

MATERIAL SAFETY DATA SHEET

Reviewed on:

31-5-2005

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**Article number:** IAP**Product name:** Inno Adhesion Promoter**Use/description of product:** Adhesion Promoter**Supplier:** Innosystems NI Ltd**Emergency phone:** +44 (0) 28 30 830 006**2. COMPOSITION / INFORMATION ON INGREDIENTS**

Ingredient	CAS no	EINECS no	% by Wt	Hazard symbol	R-phrase
Ethylbenzene	100-41-4	202-849-4	1 - 5	F, Xn	11, 20
Xylene	1330-20-7	215-535-7	25 - 35	Xn	10, 20/21, 38
Butano	106-97-8	203-448-7	7 - 10	F+	12

3. HAZARDS IDENTIFICATION

Main Hazard: The product is highly flammable, even at temperatures below 0°C. The product is harmful in case of acute exposure and causes serious health risks if inhaled. If brought into contact with the skin, the product causes considerable inflammation, with erythema, scab or edema.

4. FIRST AID MEASURES - ACTION

Skin contact: Immediately take off contaminated garments. Immediately wash the body parts which have come into contact with the preparation, even if only suspected, with plenty of current water and possibly with soap.

Eye contact: Do not use eye drops or creams of any kind before visiting or consulting the specialist. Immediately rinse with water for at least 10 minutes.

Ingestion: Absolutely do not induce vomit. IMMEDIATELY CONSULT A DOCTOR. Administer mineral medical Vaseline oil; do not administer milk or animal or vegetable fats in general.

Inhalation: Air the room. Immediately carry the patient out of the contaminated room and keep him at rest in a well aired place. CALL A DOCTOR.

5. FIRE-FIGHTING MEASURES

Extinguishing media: In case of fire, use powder or foam extinguishers for chemicals.

Exposure hazards: Avoid breathing fumes.

Protection of fire-fighters: Use a protection of the respiratory tract. Cool with water containers which have been exposed to fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear mask, gloves and protecting

Environmental precautions: Contain any leaks with earth or sand. Eliminate all open flames and possible ignition sources. Do not smoke. If the product has flown into water courses, sewer systems or if it has contaminated soil or vegetation, advise competent authorities.

Clean-up procedures: Quickly gather the product, wearing mask and protective clothing. If the product is liquid, prevent penetration into the sewer system. Gather the product for reuse, if this is possible, or for elimination. Possibly absorb by aid of inert material. After gathering, wash with water the area and the materials involved.

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7. HANDLING AND STORAGE

Handling requirements: Avoid contact and inhalation of vapours. See also next paragraph 8. During work, do not eat, drink or smoke.

Storage conditions: Keep away from open flames, sparks and heat sources. Avoid direct exposure to sun. Keep at a cool and suitable aired room.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
Ethylbenzene	100	434	125	543
Xylene	100	434	150	651

Technical measures: Adequately air the rooms where the product is stored and/or handled.

Respiratory protection: An adequate protection of the respiratory tract is essential, such as a mask with cartridge filter.

Hand protection: Protective gloves.

Eye protection: Security glasses.

Skin protection: Garments that ensure a complete protection of the skin.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

State: aerosol

Odour: typical of solvent

Vapour pressure: > 1

Autoflammability°C: 400

Flash point°C: < 0

Solubility in water: insoluble

Also soluble in: fat (complete)

Relative density: 0.86 kg/l

10. STABILITY AND REACTIVITY

Stability: Stable under recommended condition.

Materials to avoid: Avoid the contact with corburant substances. The product might catch fire.

11. TOXICOLOGICAL INFORMATION

General information: No toxicological data is available on the preparation itself. For the evaluation of the toxicological effects derived from the exposure to the preparation, consider the concentration of the single substances. Hereafter, find toxicological information concerning the main substances present in the preparation.

Ingestion: Xylene: LD50 (rat): 4300 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity: Use according to good working pratice, do not discharge the product into the environment.

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13. DISPOSAL CONSIDERATIONS

Disposal operations: If possible recycle. Send to authorized waste disposal plants or to incineration under controlled conditions. Operate according to local and national rules in force.

14. TRANSPORT INFORMATION**ADR****ADR class:** 2**UN no:** 1950**Description of goods:** Aerosol**IMDG****IMDG class:** 2**UN no:** 1950**EMS no:** F-D, S-U**Marine pollutant:** No**Proper shipping name:** Aerosol**ICAO/IATA****ICAO/IATA class:** 2**UN no:** 1950**Proper shipping name:** Aerosol**15. REGULATORY INFORMATION****Hazard symbols**

Harmful



Extremely flammable

Risk phrases

R38 - Irritating to the skin

R20/21 - Harmful by inhalation and in contact with skin

R12 - Extremely Flammable

Safety phrase(s)

S16 - Keep away from sources of ignition - No smoking

S23 - Do not breathe gas/fumes/vapor/spray (appropriate wording to be specified by the manufacturer)

S37 - Wear suitable gloves

S51 - Use only in well-ventilated areas

Precautionary phrase(s)

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding + 50°C. Do not pierce or burn even after use. Do not spray on a naked flame or any incandescent material. Do not smoke. Keep away from the reach of children.

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16. ADDITIONAL INFORMATION

Risk phrases used in S2

- R10 - Flammable
- R11 - Highly Flammable
- R12 - Extremely Flammable
- R20 - Harmful by inhalation
- R20/21 - Harmful by inhalation and in contact with skin
- R38 - Irritating to the skin

Legal disclaimer: The data contained in this safety sheet are based on our current knowledge and are supplied in compliance with MM.DD. 4/4/97 and 7/9/02. The product must not be used for purposes which are different from those indicated under point 1 prior to having obtained specific written instructions. No responsibility is taken for any improper use. It is always the user's liability to confirm to the regulations of hygiene, safety and environmental protection foreseen by laws in force. The information contained in this safety data sheet is to be understood as a description of the product for safety purposes, it is not to be considered as a guarantee of its properties.