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Nexreg Compliance Inc. 샘플은 우리가 제공하는 서비스 표시입니다. Nexreg에서는 귀사의 제품이 고유함을 이해합니다. 우리의 MSDS 저작 소프트웨어는 귀사의 MSDS 준비 요구를 충족시킬 수 있도록 유연하게 디자인되어 있습니다. 첨부된 샘플에 있는 요소는 템플릿 디자인, 언어, 정보 등을 포함하여 귀사의 선호 사항을 반영하여 편집할 수 있습니다.

화학 제품 준수를 아웃 소싱하시는 이유는 무엇입니까?

Nexreg는 화학 제품 준수 분야의 리더이고 정부 규제의 변화를 모니터링하기 위해 전담 연구 직원을 두고 있습니다. 또한 그 밖의 다른 혜택도 제공합니다. Empagio 행정법 연구 결과 회사들이 아웃소싱하는 세 가지 중요한 이유가 파악되었는데, Nexreg는 이러한 세 가지 모두를 제공합니다.

1. **효율성 증가** - Nexreg의 전문가 팀을 활용하면 귀사의 직원이 보다 중요한 업무에 전념할 수 있습니다.
2. **시간 절약** - Nexreg의 규정 준수 팀은 규정 통과 시간을 대폭 줄여서 귀사의 제품이 시장이 신속하게 출시될 수 있도록 지원합니다.
3. **비용 절약** - Nexreg의 팀이 귀사의 규제 비용을 50 - 65% 줄여드릴 수 있습니다.

Nexreg는 다음과 같은 다양한 규정 준수 서비스를 제공합니다.

- 다양한 사법권의 MSDS 저작
- 소비자, 화장품 및 산업 시장의 라벨 준수
- 규정 컨설팅
- 정부 제출 및 포블레이션 검토
- 기술 번역

이러한 서비스, 가격 또는 질문에 대한 답변에 대한 자세한 내용은 당사로 문의해 주십시오.

웹사이트: <http://www.nexreg.com>

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SAFETY DATA SHEET

Super Spray Adhesive

Conforms to 91-155-EEC - 2001-58-EC

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation: Super Spray Adhesive

Use of the substance/preparation: Adhesive.

Company/undertaking identification: USA Adhesives, Inc.
1100 Industrial Avenue
Vernon Hills, Illinois 60061
USA

Telephone: 001-770-751-9095

Emergency telephone: 001-770-751-9095

Date of issue: October 1, 2005

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	EC #	CAS #	Wt. %	Classification:
Acetone	200-662-2	67-64-1	15 - 40	F; R11 Xi; R36 R66 R67
Propane	200-827-9	74-98-6	15 - 40	F+; R12
n-Butane	203-448-7	106-97-8	7 - 13	F+; R12
Heptane	205-563-8	142-82-5	7 - 13	F; R11 Xn; R65 Xi; R38 R67 N; R50-53
Isobutane	200-857-2	75-28-5	7 - 13	F+; R12

See section 16 for the full text of each relevant R phrase.

3. HAZARDS IDENTIFICATION

Classification: F+; R12
Xi; R36
R66
R67

Physical hazards: Extremely flammable.

Health hazards: Irritating to eyes. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

Environmental hazards: Components of this product have been identified as having potential environmental concerns.

This preparation is classified as dangerous according to Directive 1999/45/EC and all subsequent amendments.



SAFETY DATA SHEET

Super Spray Adhesive

4. FIRST AID MEASURES

- Inhalation:** If breathed in, move person into fresh air. If symptoms persist, obtain medical attention. If breathing has stopped, trained personnel should administer CPR immediately.
- Eye contact:** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Skin contact:** After contact with skin, wash immediately with plenty of water. Remove and wash contaminated clothing before re-use. If irritation persists, get medical attention.
- Ingestion:** If swallowed, call a Poison Control Centre or doctor immediately. DO NOT induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. If swallowed, rinse mouth with water (only if the person is conscious).
- General advice:** In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).
- Note to physicians:** Symptoms may be delayed.

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media:** Powder, water spray, foam, carbon dioxide.
- Extinguishing media which must not be used for safety reasons:** Not available.
- Special exposure hazards:** Not available.
- Hazardous combustion products:** Oxides of carbon.
- Special protective equipment for fire-fighters:** Pressurized container may explode when exposed to heat or flame. In case of fire and/or explosion do not breathe fumes. Firefighters should wear full protective clothing including self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions:** Use personal protection recommended in Section 8. Isolate area. Remove sources of ignition. Keep unnecessary personnel away. Ruptured cylinders may rocket.
- Environmental precautions:** Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks).
- Methods for containment:** Prevent further leakage or spillage if safe to do so. Use sand, perlite or vermiculite as an absorbent for large spills of this material.
- Methods for clean-up:** Sweep up or gather material and place in appropriate container for disposal. Allow gas to dissipate into the atmosphere.
- Other information:** Not available.



SAFETY DATA SHEET

Super Spray Adhesive

7. HANDLING AND STORAGE

Handling:

Keep away from sources of ignition. - No smoking. Avoid contact with eyes. Avoid contact with skin. Do not swallow. Do not breathe gas/fumes/vapour/spray. Use only in well-ventilated areas. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

Storage:

Keep out of the reach of children. Do not store at temperatures above 49 °C. Keep container in a well-ventilated place. Keep away from food, drink and animal feedingstuffs.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit values

Ingredient(s)	Exposure Limits ACGIH-TLV
Acetone	750 ppm
Propane	1000 ppm
n-Butane	1000 ppm
Heptane	400 ppm
Isobutane	Not available.

Exposure controls:

Occupational exposure controls: Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

Personal protective equipment:

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection: Wear suitable gloves.

Eye protection: Wear safety glasses with side shields.

Skin protection: Wear suitable protective clothing.

Environmental exposure controls: Maintain levels below Community environmental protection thresholds.

General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Opaque.
Colour:	Yellow.
Physical State:	Gas/Pressurized Liquid.
Odour:	Acetone.
pH:	Not available.
Boiling point / boiling range:	Not available.
Melting point / melting range:	Not available.
Flash point:	Not available.



SAFETY DATA SHEET

Super Spray Adhesive

Flammability (solid, gas):	Not available.
Explosive properties:	Not available.
Oxidising properties:	Not available.
Vapour pressure:	Not available.
Relative density (of concentrate):	0.94
Solubility (in water) (of concentrate):	Partial.
Solubility (in oil) (of concentrate):	Complete.
Partition coefficient: n-octanol/water:	Not available.
Viscosity (of concentrate):	Water thin.
Miscibility:	Not available.
Vapor density:	Not available.
Evaporation rate:	Not available.
Auto-ignition temperature:	Not available.
Lower Flammability Limit:	Not available.
Upper Flammability Limit:	Not available.

10. STABILITY AND REACTIVITY

Stability:	Stable under recommended storage conditions. Contents under pressure. Container may explode if heated. Do not puncture. Do not burn.
Conditions to avoid:	No dangerous reaction known under conditions of normal use.
Materials to avoid:	Acids. Bases. Oxidizers. Reducing agents.
Hazardous decomposition products:	Not available.

11. TOXICOLOGICAL INFORMATION

EFFECTS OF ACUTE EXPOSURE

Component Analysis

Ingredient(s)	LD₅₀ (oral)	LC₅₀
Acetone	5800 mg/kg, rat	Not available.
Propane	Not available.	Not available.
n-Butane	Not available.	Not available.
Heptane	Not available.	103 g/m ³ 4hrs, rat
Isobutane	Not available.	Not available.

Inhalation:	Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness).
Eye contact:	Irritating to eyes.
Skin contact:	May irritate skin.
Ingestion:	May cause stomach distress, nausea or vomiting.



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Super Spray Adhesive

EFFECTS OF CHRONIC EXPOSURE

Target Organs:	Not available.
Chronic Effects:	Not hazardous by EU criteria.
Carcinogenicity:	Not hazardous by EU criteria.
Mutagenicity:	Not hazardous by EU criteria.
Reproductive Effects:	Not hazardous by EU criteria.
Developmental Effects:	
Teratogenicity:	Not hazardous by EU criteria.
Embryotoxicity:	Not hazardous by EU criteria.
Respiratory Sensitization:	Not hazardous by EU criteria.
Skin Sensitization:	Not hazardous by EU criteria.
Toxicologically Synergistic Materials:	Not available.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	This product is not expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.
Mobility:	Not available.
Persistence and degradability:	Not available.
Bioaccumulative potential:	Not available.
Other adverse effects:	Not available.

13. DISPOSAL CONSIDERATIONS

Disposal Instructions: This material and its container must be disposed of in a safe way. Dispose in accordance with all applicable regulations.

14. TRANSPORT INFORMATION

ADR/RID

AEROSOLS, flammable, Class 2.1, UN1950

IATA

AEROSOLS, flammable, Class 2.1, UN1950



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Super Spray Adhesive

15. REGULATORY INFORMATION

EU Labelling:

Hazard Symbol(s):



Extremely flammable.



Irritant.

Risk phrases:

R36 - Irritating to eyes.
R66 - Repeated exposure may cause skin dryness or cracking.
R67 - Vapours may cause drowsiness and dizziness.

Safety phrases:

S2 - Keep out of the reach of children.
S9 - Keep container in a well-ventilated place.
S16 - Keep away from sources of ignition. - No smoking.
S23 - Do not breathe gas/fumes/vapour/spray.
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S33 - Take precautionary measures against static discharges.
S46 - If swallowed, seek medical advice immediately and show this container or label.
S51 - Use only in well-ventilated areas.

This SDS has been prepared according to the following Directives and all of their subsequent amendments: Directive 67-548-EEC, Directive 91-155-EEC, and Directive 1999-45-EC.

16. OTHER INFORMATION

**List of relevant R phrases:
(appearing in Section 2)**

R11 - Highly flammable.
R12 - Extremely flammable.
R36 - Irritating to eyes.
R38 - Irritating to skin.
R50/53 - Very 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.

Disclaimer:

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.

Version:

1.0

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