



# MATERIAL SAFETY DATA SHEET

## C13M

### 1. Identification of the substance/Preparation and company (物品與廠商資料)

Product Name (物品名稱)	: C13M	
Manufacture (製造商)	: ULTRA ENERGY ADHESIVE TRADING Co. Ltd.	
Emergency Calls (緊急聯繫電話)	: 852-2751 8880	Fax (傳真) : 852-2795 1625

### 2. Hazard identification (危害辨別資料)

Hazard designation (危害名稱)	1. Hazard Warnings for Health : Headache, Qualm, Vomit and Drowsiness 對健康的警告：頭疼，眩暈，嘔吐和嗜睡
	2. Hazard Warnings for Environment : Air pollution and water pollution 對環境危害的警告：空氣污染和水污染
	3. Physical and Chemical Dangerous : Explosive and water Pollution 物理和化學危險：爆炸和水的污染
Skin (皮膚)	Dermatitis (dry, rough and pain) 皮炎，乾燥、粗糙和疼痛
Eyes (眼睛)	Ocular inflammatory (pain and tears) 眼部炎症，疼痛和流淚
Ingestion (吸入)	Respiratory stimulation (nose pharynx pain and cough) 呼吸道刺激（鼻咽痛感，咳嗽）
Inhalation (食入)	Nausea and vomiting 噁心和嘔吐

### 3. Composition/information on ingredients (組成成分)

INGREDIENTS (材料)	CAS NO. (化學文摘社登記號碼)	percentage (百分比)
Synthetic Rubber (合成橡膠)	9003-55-8	10%
Polychloroprene (熱塑性彈性體)	9010-98-4	20%
MEK (丁酮)	78-93-3	15%
acetic ether (醋酸乙酯)	141-78-6	55%

### 4. First aid measures (急救措施)

After skin Contact (皮膚接觸)	1. Wash skin with soap and water for at least 15 minutes 用溫水緩和沖洗15分鐘
After eye Contact (眼睛接觸)	1. In case of contact, immediately flush eye with plenty of water for at least 15 minutes 萬一接觸，立即用大量的溫水沖洗15分鐘 2. Lifting upper and lower eyelids occasionally. Call a physician if irritation persists 撐開眼皮，如果有持續的過敏反應立即就醫
After ingestion (食入)	1. If patients are about to lose consciousness, has lost consciousness or convulsion, not feeding anything, make an immediate medical personnel spits 若患者即將失去意識，已失去意識或痙攣，不可餵食任何東西，立即讓醫務人員進行催吐 2. If the patient is conscious drinking water or milk to patients 若患者意識清醒給患者水或牛奶飲用 3. Call a physician 立即就醫



After inhalation (吸入)	1. Remove to fresh air 立即將患者轉移到空氣新鮮的地方 2. If breathing stops, give artificial respiration, if the heart stops beating, then lend a CPR, seek immediate medical attention 若呼吸停止施予人工呼吸,若心臟停止跳動,則施予心肺復蘇術,立即就醫
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**5. Fire fighting Measures (滅火措施)**

Suitable Extinguishing Media (適用滅火劑)	Foam · CO2-blanket and powder .Do not use water 泡沫和二氧化碳滅火器,不要用水
Combustion products and resulting gases (燃燒產物及產生的氣體)	Nitrous gasses are produce in case of fire 萬一著火會產生亞硝氣體
Special Protective Equipment (消防人員之特殊防護設備)	Apply self contained breathing apparatus 佩戴自身含有呼吸的裝置

**6. Accidental release Measures (洩露處理方法)**

Personal Protection(個人注意事項)	Avoid breathing the vapors. See section 7&8 避免呼吸揮發氣體。參照7和8部分
Environmental Protection (環境注意事項)	Do not allow material to enter sewers, the soil and surface water 不能將物質放入下水道、土壤和地表水
Methods for cleaning up (清理方法)	Absorb with sand, sweep up and put it into a container for disposal 用沙吸收、清掃並放入專門處理的廢物箱

**7. Handling and storage (安全處置與儲存方法)**

Handling Precautions (處理措施)	Do not eat, drink and smoke during use. See personal section8.Avoid contact with certain plastics like PVC and natural rubber. The materials will dissolve. Avoid contact with strong oxidizers. Use only explosion proof equipment 不能吃食物、吸煙或者喝水。參照第8 部分的個人保護措施。避免與塑膠製品接觸,例如,聚氯乙烯和天然橡膠。它們會被溶脹。避免與強氧化劑的接觸。採用防爆裝置
Storage Precautions (儲存措施)	Keep in original, well-closed containers in well-ventilated place. Keep away from sources of ignition-no smoking 將物質原有的和完好的密封的封裝桶置於通風好的地方。遠離點火裝置—無煙。

**8. Exposure controls/personal protection (接觸控制和個人防護措施)**

Respiration Protection (呼吸防護)	Not required if adequate ventilation exist. If the air borne concentration exceed exposure limit, use adequate respiratory protection such as approved 透風好的環境中不需要呼吸保護裝置。如果濃度超過暴露極限,需採用有過濾裝置的呼吸面具來防止有機的蒸汽
Hand Protection (手部防護)	Safety glasses, uniform, apron, glove (neoprene or nitril rubber are recommended) 佩戴安全護眼鏡,穿工作服、圍裙和適應的手套(氯丁橡膠或丁腈橡膠)



Eye Protection (眼睛防護)	Safety glasses, uniform, apron, glove (neoprene or nitril rubber are recommended) 佩戴安全護眼鏡，穿工作服、圍裙和適應的手套（氯丁橡膠或丁腈橡膠）
Skin Protection (皮膚防護)	Safety glasses, uniform, apron, glove(neoprene or nitril rubber are recommended) 佩戴安全護眼鏡，穿工作服、圍裙和適應的手套（氯丁橡膠或丁腈橡膠）

**9. Physical and chemical properties (物理及化學性質)**

Appearance (物質狀態)	Transparent Viscous liquid 透明粘性液體	Auto flammability (自燃性)	No experimental data of the product available 沒有此物質的試驗資料
Color (顏色)	Colorless transparent 無色透明	Explosive properties (爆炸極限)	No experimental data of the product available 沒有此物質的試驗資料
Odour (氣味)	Characteristic odor 有特徵性的氣味	Oxidizing properties (氧化性)	No experimental data of the product available 沒有此物質的試驗資料
PH (酸鹼值)	No experimental data of the product available 沒有此物質的試驗資料	Vapor pressure (蒸氣壓)	70-90mmHg @ 20°C
Boiling point/boiling range (沸點/沸點範圍)	85°C—110°C	Specific Gravity (密度)	0.8-0.9
Melting point/melting range (熔點範圍/融化)	No experimental data of the product available 沒有此物質的試驗資料	Solubility in water (水溶性)	NO
Flash point (閃點)	24°C	Partition coefficient (分配係數)	No experimental data of the product available 沒有此物質的試驗資料
Flammability (可燃性)	Burns 燒傷	Others	—

**10. Stability and reactivity (安定性及反應性)**

Conditions to Avoid (避免的情況)	Keep away from flame 遠離火源
Material to Avoid (避免的物質)	Stable under recommended storage and handling conditions 在所推薦的儲存和使用條件下，安定
Hazardous reactions (危害分解物)	Formation of combustible and noxious fumes during thermal decomposition 有毒氣體的形成過程中易燃、基於分解



**11. Toxicological information (毒性資料)**

Inhalation (吸入)	Respiratory exposure to the solvents may lead to dizziness, headache, vomiting and drowsiness 吸入溶劑後會導致咳嗽、頭痛、眩暈、不適、嘔吐和瞌睡
Ingestion (食入)	Respiratory exposure to the solvents may lead to dizziness, headache, vomiting and drowsiness 吸入溶劑後會導致咳嗽、頭痛、眩暈、不適、嘔吐和瞌睡
Skin contact (皮膚接觸)	Frequent or continuous skin contact caused irritation and may lead to dermatitis 經常或者不斷的皮膚接觸會引起紅腫和導致皮炎
Eye contact (眼睛接觸)	No experimental data of the product available 沒有此物質的試驗資料
Carcinogenicity (致癌性)	No experimental data of the product available 沒有此物質的試驗資料
Other	—

**12. Ecological information (生態資料)**

Biodegradability (生物降解能力)	Cannot degradation. 不能降解
Bioaccumulative (生物累積能力)	No experimental data of the product available 沒有此物質的試驗資料
Aquatic toxicity (水生動物毒性)	No experimental data of the product available 沒有此物質的試驗資料
Others (其他)	Hazardous to water, Must not enter the waters, Drains or Ground 污染水源，勿排入河川，溝渠或地表

**13. Disposal considerations (廢棄處理方法)**

Methods of disposal (處理方法)	Waste disposal to be in accordance with the environmental quality regulation 按環境品質法規進行廢物處理
Dangers in disposal (處理危險)	Waste disposal to be in accordance with the environmental quality regulation 按環境品質法規進行廢物處理

**14. Transport information (運輸資料)**

UN number (聯合國編號)	—
Hazard class (危險類別)	DOT 49 CFR As the third kind of inflammable liquid. (U.S. department of transportation) DOT 49 CFR 將之列為第三類易燃液體 (美國交通部)
Packing group (包裝類別)	II. (U.S. department of transportation) 2 (美國交通部)
Air transport (航空運輸)	III · (International Navigation Transportation Organization) 3 (國際通航運輸組織)
Sea transport (海上運輸)	III · (International Maritime Organization) 3 (國際海事組織)
Inland transport (內陸運輸)	1. The criminal law of the People's Republic of China first 115 bar 《中華人民共和國刑法》第115 條 2. The law of the People's Republic of China maritime traffic safety law 《中華人民共和國海上交通安全法》 3. The law of the People's Republic of China on the prevention of pollution 《中華人民共和國水污染防治法》 4. The People's Republic of China state" 《中華人民共和國消防法》
	5. The law of the People's Republic of China on the prevention of air pollution 《中華人民共和國大氣污染防治法》