



## SAFETY DATA SHEET NO NONSENSE LIQUID CONTACT ADHESIVE

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

PRODUCT NAME NO NONSENSE LIQUID CONTACT ADHESIVE  
 PRODUCT NO. 968089  
 APPLICATION Adhesive  
 SUPPLIER Henkel Consumer Adhesives  
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### 2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ACETONE	200-662-2	67-64-1	10-30%	F;R11 Xi;R36 R66 R67
BUTANONE	201-159-0	78-93-3	10-30%	F;R11 Xi;R36 R66 R67
CYCLOPENTANE	206-016-6	287-92-3	1-5%	F;R11 R52/53
FORMALDEHYDE ...%	200-001-8	50-00-0	< 1%	Carc3;R40 T;R23/24/25 C;R34 R43
HEPTANE	205-563-8	142-82-5	10-30%	F;R11 Xn;R65 Xi;R38 R67 N;R50/53
HEXANE MIXTURE OF ISOMERS (MAX 5% n-HEXANE (203-777-6))			5-10%	F;R11 Xn;R65 Xi;R38 R67 N;R51/53
HEXANE-norm	203-777-6	110-54-3	< 1%	F;R11 Repr3;R62 Xn;R65,R48/20 Xi;R38 R67 N;R51/53
METHYLCYCLOHEXANE	203-624-3	108-87-2	1-5%	F;R11 Xn;R65 Xi;R38 R67 N;R51/53
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY; LOW BOILING POINT HYDROGEN <0.1% BENZENE	265-150-3	64742-48-9	10-30%	Xn;R65. R66,R10.
PENTANE	203-692-4	109-66-0	< 1%	F+;R12 Xn;R65 R66 R67 N;R51/53

The Full Text for all R-Phrases are Displayed in Section 16

#### COMPOSITION COMMENTS

Solvent based adhesive

### 3 HAZARDS IDENTIFICATION

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

CLASSIFICATION Xi;R36/38. F;R11. N;R51/53. R67.

### 4 FIRST-AID MEASURES

#### GENERAL INFORMATION

Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

#### INHALATION

Move the exposed person to fresh air at once. NOTE! Keep affected person away from heat, sparks and flames! Get medical attention.

#### INGESTION

Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Rinse mouth thoroughly. Drink plenty of water. NOTE! Keep affected person away from heat, sparks and flames! Get medical attention. DO NOT INDUCE VOMITING!

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### SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

### EYE CONTACT

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

## 5 FIRE-FIGHTING MEASURES

### EXTINGUISHING MEDIA

Fire can be extinguished using: Alcohol resistant foam. Dry chemicals, sand, dolomite etc. Carbon dioxide (CO2). Do not use water as an extinguisher.

### SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Use pressurised air mask if product is involved in a fire. Move container from fire area if it can be done without risk. Containers close to fire should be removed or cooled with water. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

### UNUSUAL FIRE & EXPLOSION HAZARDS

HIGHLY FLAMMABLE! Vapours are heavier than air and may spread near ground to sources of ignition. May react violently with oxidizing materials. Take precautionary measures against static discharges.

### SPECIFIC HAZARDS

Very toxic gases/vapours/fumes of Carbon monoxide (CO). Carbon dioxide (CO2). Hydrogen chloride (HCl).

### PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## 6 ACCIDENTAL RELEASE MEASURES

### SPILL CLEAN UP METHODS

Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Stop leak if possible without risk. Provide ventilation and confine spill. Do not allow runoff to sewer. Absorb in vermiculite, dry sand or earth and place into containers.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Static electricity and formation of sparks must be prevented. Keep away from heat, sparks and open flame. No smoking. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

### STORAGE PRECAUTIONS

Store in tightly closed original container in a dry and cool place. Keep in original container.

### STORAGE CLASS

Flammable liquid storage.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
ACETONE	WEL	500 ppm	1210 mg/m3	1500 ppm	3620 mg/m3
BUTANONE	WEL	200 ppm(Sk)	600 mg/m3(Sk)	300 ppm(Sk)	899 mg/m3(Sk)
FORMALDEHYDE ...%	WEL	2 ppm	2.5 mg/m3	2 ppm	2.5 mg/m3
HEPTANE	WEL	500 ppm			
HEXANE-norm	WEL	20 ppm	72 mg/m3		

### INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

### PROTECTIVE EQUIPMENT



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### ENGINEERING MEASURES

All handling to take place in well-ventilated area. Must not be handled in confined space without sufficient ventilation.

### RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

### HAND PROTECTION

Use protective gloves. Butyl rubber.

### EYE PROTECTION

Use approved safety goggles or face shield.

### OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

### HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Straw		
ODOUR	Organic solvents.		
SOLUBILITY	Slightly soluble in water.		
BOILING POINT (°C)	110	RELATIVE DENSITY	0.82 g/ml @ 20°C
VISCOSITY	4500 cps @ 20°C	FLASH POINT (°C)	-13 CC (Closed cup).
FLAMMABILITY LIMIT - LOWER(%)	0.9	FLAMMABILITY LIMIT - UPPER(%)	8

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions.

### CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Keep out of direct sunlight.

### MATERIALS TO AVOID

Strong oxidising substances.

### HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2).

## 11 TOXICOLOGICAL INFORMATION

### INHALATION

Vapours may cause headache, fatigue, dizziness and nausea.

### INGESTION

May cause stomach pain or vomiting.

### SKIN CONTACT

Irritating to skin.

### EYE CONTACT

Irritating to eyes.

### ROUTE OF ENTRY

Inhalation. Skin absorption.

### MEDICAL SYMPTOMS

High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

Dangerous for the environment if discharged into watercourses. The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

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**MOBILITY**

The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces.

**BIOACCUMULATION**

No data available on bioaccumulation.

**DEGRADABILITY**

The product is slowly degradable.

### 13 DISPOSAL CONSIDERATIONS

**DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements. Do not allow runoff to sewer, waterway or ground.

### 14 TRANSPORT INFORMATION

**GENERAL**

Supplied in limited quantity packages



UK ROAD CLASS	3	UK ROAD PACK GR.	III
PROPER SHIPPING NAME	ADHESIVES	ADR CLASS	Class 3: Flammable liquids.
UN NO. ROAD	1133	HAZARD No. (ADR)	30
ADR CLASS NO.	3	HAZCHEM CODE	3Y
ADR PACK GROUP	III	RID CLASS NO.	3
ADR LABEL NO.	3	UN NO. SEA	1133
CEFIC TEC(R) NO.	30GF1-III, 30GF1-sp	IMDG PACK GR.	III
RID PACK GROUP	III	MFAG	See Guide
IMDG CLASS	3	UN NO. AIR	1133
EMS	F-E, S-D	AIR PACK GR.	III
MARINE POLLUTANT	No.		
AIR CLASS	3		

### 15 REGULATORY INFORMATION

**LABELLING**



Irritant



Highly Flammable



Dangerous for the environment

**RISK PHRASES**

R11	Highly flammable.
R36/38	Irritating to eyes and 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**

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.
S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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S37	Wear suitable gloves.
S46	If swallowed, seek medical advice immediately and show this container or label.
S51	Use only in well-ventilated areas.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.
S64	If swallowed, rinse mouth with water (only if the person is conscious).
U1	Do not empty into drains; dispose of this material in a safe way

### STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

### APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

### GUIDANCE NOTES

Workplace Exposure Limits EH40.

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## 16 OTHER INFORMATION

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### INFORMATION SOURCES

Material Safety Data Sheet, Misc. manufacturers.

### ISSUED BY

Technical Services Department, Winsford, Cheshire

### REVISION DATE

27-02-2007

### RISK PHRASES IN FULL

R10	Flammable.
R11	Highly flammable.
R12	Extremely flammable.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R34	Causes burns.
R36	Irritating to eyes.
R37	Irritating to respiratory system.
R38	Irritating to skin.
R40	Limited evidence of a carcinogenic effect.
R43	May cause sensitisation by skin contact.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R62	Possible risk of impaired fertility.
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

Every effort has been made to ensure that this information is accurate and up to date. , Users are reminded that they should ensure that they have retained or internally circulated the most up to date copy as provided to the persons or work locations which require them. , No warranty is implied or given as to suitability for use for any activity which is not covered by either the technical data sheet or restrictions of use as above.