

SAFETY DATA SHEET

Tuskbond NC

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

PRODUCT NAME Tuskbond NC
SUPPLIER Sanglier Limited
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2 HAZARDS IDENTIFICATION

Extremely flammable. Irritating to eyes. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

CLASSIFICATION Xi;R36. F+;R12. N;R51/53. R66, R67.

3 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
BUTANE/ISOBUTANE		106-97-8	10-30%	F+;R12.
CYCLOHEXANE	203-806-2	110-82-7	10-30%	F;R11 Xn;R65 Xi;R38 R67 N;R50/53
HEPTANE	205-563-8	142-82-5	1-5%	F;R11 Xn;R65 Xi;R38 R67 N;R50/53
HEXANE MIXTURE OF ISOMERS (MAX 5% n-HEXANE (203-777-6))			1-5%	F;R11 Xn;R65 Xi;R38 R67 N;R51/53
PROPANE	200-827-9	74-98-6	10-30%	F+;R12

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

4 FIRST-AID MEASURES

INHALATION

Remove victim immediately from source of exposure.

INGESTION

Rinse mouth thoroughly. Get medical attention.

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water.

EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguish with foam, carbon dioxide, dry powder or water fog.

SPECIAL FIRE FIGHTING PROCEDURES

Containers close to fire should be removed or cooled with water.

UNUSUAL FIRE & EXPLOSION HAZARDS

Forms explosive mixtures with air. HIGHLY FLAMMABLE! May travel considerable distance to source of ignition and flash back.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire. Do not inhale explosion or combustion gases

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent escape of liquid. Mark contaminated areas with signs and prevent access to unauthorised personnel.

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ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS

Dam and absorb spillages with sand, earth or other non-combustible material.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. Static electricity and formation of sparks must be prevented.

STORAGE PRECAUTIONS

Store in a cool and well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
ACETONE	WEL	500 ppm	1210 mg/m ³	1500 ppm	3620 mg/m ³	
BUTANE/ISOBUTANE	WEL	600 ppm		750 ppm		
CYCLOHEXANE	WEL	100 ppm	350 mg/m ³	300 ppm	1050 mg/m ³	
HEPTANE	WEL	500 ppm				

WEL = Workplace Exposure Limit.

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

Provide eyewash station.

ENGINEERING MEASURES

Ensure that lighting and electrical equipment are not sources of ignition. Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of vapours.

RESPIRATORY EQUIPMENT

If exposure limits are likely to be exceeded, use a full face mask fitted with an organic filter for short term exposures. For long term or high level exposures, or when spraying, compressed airline breathing apparatus should be used.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact. Use protective gloves made of: Viton rubber (fluor rubber).

EYE PROTECTION

Wear goggles/face shield.

OTHER PROTECTION

Wear suitable protective clothing as protection against splashing or contamination.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Orange Brown		
ODOUR	Characteristic		
BOILING POINT (°C)	56	EVAPORATION RATE	fast
FLASH POINT (°C)	-19	AUTO IGNITION	200
		TEMPERATURE (°C)	
FLAMMABILITY LIMIT - LOWER(%)	1.2	FLAMMABILITY LIMIT - UPPER(%)	13

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

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CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition.

MATERIALS TO AVOID

Strong oxidising substances. Strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS

In combustion emits toxic fumes

11 TOXICOLOGICAL INFORMATION

Name	HEXANE MIXTURE OF ISOMERS (MAX 5% n-HEXANE (203-777-6))
Name	HEPTANE
Name	CYCLOHEXANE
Toxic Dose 1 - LD 50	12705 mg/kg (oral rat)
Toxic Dose 2 - LD 50	813 mg/kg (oral-mouse)
Name	ACETONE
Toxic Dose 1 - LD 50	3 mg/kg (oral-mouse)
Toxic Dose 2 - LD 50	5800 mg/kg (oral rat)

12 ECOLOGICAL INFORMATION

MOBILITY

Volatile

BIOACCUMULATION

No data available on bioaccumulation.

DEGRADABILITY

Biogradable in part only.

Name ACETONE

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

The packaging must be empty (drop-free, when inverted)

DISPOSAL METHODS

When completely empty container should be pierced at ring pull.

14 TRANSPORT INFORMATION



UK ROAD CLASS	2		
PROPER SHIPPING NAME	Liquefied Gas, Flammable		
UN NO. ROAD	3161	ADR CLASS NO.	2
ADR CLASS	Class 2.1: Flammable gases.	RID CLASS NO.	2
UN NO. SEA	3161	IMDG CLASS	2
UN NO. AIR	3161	AIR CLASS	2

15 REGULATORY INFORMATION

LABELLING



Irritant



Extremely Flammable



Dangerous for the environment

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RISK PHRASES

R12	Extremely flammable.
R36	Irritating to eyes.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

SAFETY PHRASES

S9	Keep container in a well-ventilated place.
S16	Keep away from sources of ignition - No smoking.
S23	Do not breathe vapour/spray.
S25	Avoid contact with eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37	Wear suitable gloves.
S38	In case of insufficient ventilation, wear suitable respiratory equipment.
S57	Use appropriate containment to avoid environmental contamination.
S60	This material and its container must be disposed of as hazardous waste.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.

UK REGULATORY REFERENCES

Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 1988. Chemicals (Hazard Information & Packaging) Regulations.

EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC.

16 OTHER INFORMATION

DATE 18 November 2008

RISK PHRASES IN FULL

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.
R51/53	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.