

STYCCOGRIP F32

EXTINGUISHING MEDIA

Extinguish with foam, carbon dioxide or dry powder. Do not use water jet as an extinguisher, as this will spread the fire.

SPECIAL FIRE FIGHTING PROCEDURES

Water spray should be used to cool containers.

UNUSUAL FIRE & EXPLOSION HAZARDS

HIGHLY FLAMMABLE

SPECIFIC HAZARDS

In case of fire toxic gases/vapours may be formed.

PROTECTIVE MEASURES IN FIRE

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

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Evacuate non-essential personnel from the spill area. Do not smoke, use naked flames or other sources of ignition. Take precautionary measures against static discharge and arcing from electrical equipment. Avoid inhalation of vapours and contact with skin and eyes. Use protective gloves, goggles and suitable protective clothing. Provide adequate ventilation. In case of inadequate ventilation, use respiratory protection.

ENVIRONMENTAL PRECAUTIONS

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

SPILL CLEAN UP METHODS

Dam and absorb spillage with sand, sawdust or other absorbent. Collect spillage in containers, seal securely and deliver for disposal as hazardous waste.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Observe workplace exposure limits and minimise the risk of inhalation of vapours and mist. Risk of vapour concentration on the floor and in low-lying areas. Do not use in confined spaces without adequate ventilation and/or respirator. Eliminate all sources of ignition. Static electricity and formation of sparks must be prevented. Avoid contact with skin and eyes. Do not eat, drink or smoke when using the product. Observe good industrial hygiene practices.

STORAGE PRECAUTIONS

Stored in tightly closed original container in a cool, dry well ventilated place at a temperature between 5 deg C and 30 deg C. Protect against physical damage and/or friction. Keep away from heat, static or electrical sparks, open flame and direct sunlight. Avoid contact with oxidising agents. Keep separate from food, feedstuffs, fertilisers and other sensitive material.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
BUTANONE	WEL	200 ppm(Sk)	600 mg/m3(Sk)	300 ppm(Sk)	899 mg/m3(Sk)	
CYCLOHEXANE	WEL	100 ppm	350 mg/m3	300 ppm	1050 mg/m3	

WEL = Workplace Exposure Limit.

ENGINEERING MEASURES

Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of vapours. Explosion-proof general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

In case of inadequate ventilation use a respirator suitable for organic vapours. Consult respirator manufacturer for specific advice.

HAND PROTECTION

Protective gloves should be used if there is a risk of direct contact or splash. Nitrile gloves to BSEN374 are recommended. Break through times can vary depending on thickness, use and source. Change gloves regularly.

EYE PROTECTION

If there is a risk of splashing, wear chemical resistant goggles or visor approved to BS EN166.

OTHER PROTECTION

Wear suitable protective clothing as protection against splashing or contamination.

PERSONAL PROTECTION

Always check applicability with your supplier of protective equipment.

9 PHYSICAL AND CHEMICAL PROPERTIES

STYCCOGRIP F32

APPEARANCE	Viscous Paste		
COLOUR	Beige.		
ODOUR	Organic solvents.		
SOLUBILITY	Insoluble in water Soluble in most organic solvents.		
BOILING POINT (°C)	Approx 64 DegC	RELATIVE DENSITY	1.2
EVAPORATION RATE	Fast	VOLATILE BY VOL. (%)	30%
pH-VALUE, CONC. SOLUTION	n/a	VISCOSITY	Highly viscous
FLASH POINT (°C)	-10degC		

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with: Oxidising materials.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

11 TOXICOLOGICAL INFORMATION

INHALATION

In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea.

INGESTION

Irritating. May cause nausea, stomach pain and vomiting.

SKIN CONTACT

Product has a defatting effect on skin. Repeated exposure may cause skin dryness or cracking.

EYE CONTACT

Irritating and may cause redness and pain. Risk of corneal damage.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

The solvent content may pose a potential ecological hazard.

DEGRADABILITY

The dried product is not readily biodegradeable but is inert and not likely to pose an ecological hazard.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Should be disposed of as hazardous waste via a licensed waste operator.

WASTE CLASS

Hazardous Waste Codes: Product: 080409* ; Contaminated empty container 150110*

14 TRANSPORT INFORMATION



UK ROAD CLASS	3		
PROPER SHIPPING NAME	ADHESIVES (CYCLOHEXANE)		
UN NO. ROAD	1133	UK ROAD PACK GR.	II
ADR CLASS NO.	3	ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	II	TUNNEL RESTRICTION CODE	(D/E)
HAZARD No. (ADR)	33	ADR LABEL NO.	3
HAZCHEM CODE	3YE	CEFC TEC(R) NO.	30GF1-I+II, 30GF1-sp

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RID CLASS NO.	3	RID PACK GROUP	II
UN NO. SEA	1133	IMDG CLASS	3
IMDG PACK GR.	II	EMS	F-E, S-D
UN NO. AIR	1133	AIR CLASS	3
AIR PACK GR.	II		

15 REGULATORY INFORMATION

LABELLING



Highly Flammable



Dangerous for the environment

RISK PHRASES

R11	Highly flammable.
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

S7/9	Keep container tightly closed and in a well-ventilated place.
S16	Keep away from sources of ignition - No smoking.
S33	Take precautionary measures against static discharges.
S36/37	Wear suitable protective clothing and gloves.
S51	Use only in well-ventilated areas.
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.

16 OTHER INFORMATION

GENERAL INFORMATION

F.Ball and Company Ltd Technical Datasheet.

INFORMATION SOURCES

Health and Safety Executive Guidance Note EH40 (amended annually). Workplace Exposure Limits.

REVISION COMMENTS

Section 1 : Removal of emergency phone number.

REVISION DATE 06/01/10

REV. NO./REPL. SDS GENERATED 11

RISK PHRASES IN FULL

R11	Highly 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.