



SAFETY DATA SHEET

CONDUIT SOLVENT CEMENT - MSC20

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

PRODUCT NAME CONDUIT SOLVENT CEMENT - MSC20

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2 HAZARDS IDENTIFICATION

Highly flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. Irritating to eyes. Vapours are heavier than air and can travel long distances to a source of ignition. Pilot lights can ignite the vapour.

CLASSIFICATION Xi;R36. F;R11. R66. R67.

3 COMPOSITION/INFORMATION ON INGREDIENTS

| NAME | EC No. | CAS-NO. | CONTENT | CLASSIFICATION |
|-----------------|-----------|----------|---------|----------------------|
| ACETONE | 200-662-2 | 67-64-1 | 5-10% | F;R11 Xi;R36 R66 R67 |
| BUTANONE | 201-159-0 | 78-93-3 | 60-100% | F;R11 Xi;R36 R66 R67 |
| CYCLOHEXANONE | 203-631-1 | 108-94-1 | 10-30% | R10 Xn;R20 |
| TETRAHYDROFURAN | 203-726-8 | 109-99-9 | 5-10% | Xi;R36/37 F;R11 R19 |

The full text for all R-phrases are displayed in section 16

4 FIRST-AID MEASURES

INHALATION

Remove victim immediately from source of exposure. Move the exposed person to fresh air at once. Get medical attention.

INGESTION

DO NOT induce vomiting. Get medical attention immediately.

SKIN CONTACT

Promptly flush contaminated skin with water. Promptly remove clothing if soaked through and flush the skin with water. Wash skin with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT

Rinse the eye with water immediately. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Fire can be extinguished using: Powder, Foam.

UNUSUAL FIRE & EXPLOSION HAZARDS

Generates massive smoke during fire. Vapours are heavier than air and may spread near ground to source of ignition. HIGHLY FLAMMABLE! Risk of explosion in closed containers if pressure rises rapidly. Solvent vapours may form explosive mixtures with air.

SPECIFIC HAZARDS

Toxic gases/vapours/fumes of Carbon Dioxide (CO₂). Carbon Monoxide (CO).

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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

Avoid contact with skin and eyes. Provide adequate ventilation. Wear protective clothing as described in section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Prevent entry into drains. Avoid discharge into water courses or onto the ground.

SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Runoff or release to sewer, waterway or ground is forbidden. Absorb with sand or other inert absorbent. Collect with absorbent, non-combustible material into suitable containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS

Flammable/combustible – Keep away from oxidisers, heat and flames. Ground container and transfer equipment to eliminate static electric sparks. Store at moderate temperature in dry, well ventilated area.

STORAGE CLASS

Flammable liquid storage.

8 EXPOSURE CONTROL/PERSONAL PROTECTION

| NAME | Std | TWA – 8 hrs | | STEL – 15 min | | Notes |
|-----------------|-----|-------------|---------------|---------------|---------------|-------|
| 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) | |
| CYCLOHEXANONE | WEL | 10 ppm(Sk) | | 20 ppm(Sk) | | |
| TETRAHYDROFURAN | WEL | 50 ppm(Sk) | | 100 ppm(Sk) | | |

INGREDIENT COMMENTS

WEL = Workplace Exposure Limit.

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Explosion-proof, general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

Respiratory protection must be used if air contamination exceeds acceptable level. Wear mask supplied with: Gas cartridge suitable for organic substances.

HAND PROTECTION

Protective gloves must be used if there is a risk of direct contact or splash. Use protective gloves made of: Nitrile. Use thin cotton gloves inside the rubber gloves if allergy risk.

EYE PROTECTION

Wear slash-proof eye goggles to prevent any possibility of eye contact.

OTHER PROTECTION

Wear appropriate clothing to prevent repeated or prolonged skin contact.

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HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of the skin.

9 PHYSICAL AND CHEMICAL PROPERTIES

| | |
|------------------|-----------------|
| APPEARANCE | Liquid. |
| COLOUR | Translucent. |
| ODOUR | Solvent. |
| FLASH POINT (°C) | - 18 Not noted. |

10 STABILITY AND REACTIVITY

STABILITY

Avoid: Heat, sparks, flames.

MATERIALS TO AVOID

Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire or high temperatures create: Toxic gases/vapours/fumes of: Carbon dioxide (CO₂). Carbon monoxide (CO).

11 TOXICOLOGICAL INFORMATION

INHALATION

Drowsiness, dizziness, disorientation, vertigo. Gas or vapour may irritate respiratory system.

INGESTION

Pneumonia may be result if vomited material containing solvents reaches the lungs.

SKIN CONTACT

Prolonged contact may cause dryness of the skin. May cause skin irritation/eczema.

EYE CONTACT

Irritating to eyes. Irritation, burning lachrymation, blurred vision after liquid splash.

HEALTH WARNINGS

Defats the skin. Prolonged or repeated exposure may cause severe irritation.

MEDICAL CONSIDERATIONS

Skin disorders and allergies.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Not regarded as dangerous for the environment. However, contamination of the aquatic or terrestrial environments should be avoided.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

DISPOSAL METHODS

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

WASTE CLASS

Classified as Special Waste. Not permitted for landfill in liquid state.

CONDUIT SOLVENT CEMENT - MSC20**14 TRANSPORT INFORMATION**

| | | | |
|----------------------|-----------|-------------------------|----------------------------|
| UK ROAD CLASS | 3 | | |
| PROPER SHIPPING NAME | ADHESIVES | | |
| UN NO. ROAD | 1133 | UK ROAD PACK GR. | II |
| ADR CLASS NO. | 3 | ADR CLASS | Class3: Flammable liquids. |
| ADR PACK GROUP | II | TUNNEL RESTRICTION CODE | (D/E) |
| HAZARD NO. (ADR) | 33 | ADR LABEL NO. | 3 |
| HAZCHEM CODE | •3YE | CEVIC TEC(R) NO. | 30GF1-I-II, 30GF1-sp |
| RID CLASS NO. | 3 | RID PACK GROUP | II |
| UN NO. SEA | 1133 | IMDG CLASS | 3 |
| IMDG PAGE NO. | 3 | IMDG PACK GR. | II |
| EMS | F-E, S-D | MFAG | See Guide |
| UN NO. AIR | 1133 | AIR CLASS | 3 |
| AIR PACK GR. | II | | |

15 REGULATORY INFORMATION

LABELLING



Irritant



Highly Flammable

RISK PHRASES

| | |
|-----|---|
| R11 | Highly flammable. |
| R36 | Irritating to eyes. |
| R66 | Repeated exposure may cause drowsiness and dizziness. |
| 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. |
| S25 | Avoid contact with eyes. |
| S26 | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| S51 | Use only in well-ventilated areas. |
| S36/37/39 | Wear suitable protective clothing, gloves and eye/face protection. |
| S60 | This material and its container must be disposed of as hazardous waste. |
| P5 | Contains epoxy constituents. See information supplied by the manufacturer. |

STATUTORY INSTRUMENTS

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

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APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG(108). Introduction to Local Exhaust Ventilation HS(G)37.

16 OTHER INFORMATION

GENERAL INFORMATION

This product should be used as directed by Marshall-Tufflex Ltd. For further information consult the product data sheet or contact Technical Services.

INFORMATION SOURCES

This safety data sheet was compiled using current safety information supplied by distributor of raw materials.

REVISION COMMENTS

This safety data sheet supersedes all previous issues and users are cautioned to ensure that it is current. Destroy all previous data sheets and if in doubt contact Marshall-Tufflex Ltd.

ISSUED BY GG

APPROVED BY MJ

RISK PHRASES IN FULL

| | |
|--------|---|
| R10 | Flammable. |
| R11 | Highly flammable. |
| R19 | May form explosive peroxides. |
| R20 | Harmful by inhalation. |
| R36 | Irritating to eyes. |
| R36/37 | Irritating to eyes. |
| R66 | Repeated exposure may cause skin dryness or cracking. |
| R67 | Vapours may cause drowsiness and dizziness. |