



## SAFETY DATA SHEET

### METSTRIP SV3405

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

PRODUCT NAME	METSTRIP SV3405
PRODUCT NO.	F3405
APPLICATION	PAINT STRIPPER
SUPPLIER	GRAMOS APPLIED LIMITED, SPRING ROAD, SMETHWICK, WEST MIDLANDS, B66 1PT, ENGLAND 0121-525-4540 01865-407-333 (24Hr) 0121-525-4919

#### 2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
DICHLOROMETHANE	200-838-9	75-09-2	60-100%	Carc3;R40
FORMIC ACID ...%	200-579-1	64-18-6	1-5%	C;R35
METHANOL	200-659-6	67-56-1	10-30%	F;R11 T;R23/24/25,R39/23/24/25
TETRACHLOROETHYLENE	204-825-9	127-18-4	1-5%	Carc3;R40 N;R51,R53

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

#### 3 HAZARDS IDENTIFICATION

Limited evidence of a carcinogenic effect. Harmful by inhalation, in contact with skin and if swallowed. Irritating to eyes and skin. Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION T;R39/23/24/25. Xn;R20/21/22. Carc 3;R40. Xi;R36/38. R52/53.

#### 4 FIRST-AID MEASURES

##### GENERAL INFORMATION

If medical attention is required present a copy of this datasheet to the physician.

##### INHALATION

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Remove victim immediately from source of exposure. Perform artificial respiration if breathing has stopped. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

##### INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Get medical attention immediately! Rinse mouth thoroughly. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical.

##### SKIN CONTACT

Remove affected person from source of contamination. Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

##### EYE CONTACT

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 and get medical attention.

#### 5 FIRE-FIGHTING MEASURES

##### EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

##### SPECIAL FIRE FIGHTING PROCEDURES

Cool containers exposed to flames with water until well after the fire is out. Move container from fire area if it can be done without risk.

## METSTRIP SV3405

### UNUSUAL FIRE & EXPLOSION HAZARDS

Fire causes formation of toxic gases.

### SPECIFIC HAZARDS

Fire or high temperatures create: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Hydrogen chloride (HCl). Phosgene (COCl<sub>2</sub>).

### 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. Use protective gloves, goggles and suitable protective clothing. Do not breathe vapour. Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.

### ENVIRONMENTAL PRECAUTIONS

Avoid discharge to the aquatic environment. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the local water company or Environmental Agency.

### SPILL CLEAN UP METHODS

Stop leak if possible without risk. DO NOT touch spilled material! Avoid contact with skin or inhalation of spillage, dust or vapour. Wear necessary protective equipment. Inform Authorities if large amounts are involved. Absorb in vermiculite, dry sand or earth and place into containers. Wash thoroughly after dealing with a spillage.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Read and follow manufacturer's recommendations. Wear full protective clothing for prolonged exposure and/or high concentrations. Avoid spilling, skin and eye contact. Do not use in confined spaces without adequate ventilation and/or respirator. Avoid inhalation of vapours.

### STORAGE PRECAUTIONS

Store in tightly closed original container in a cool, dry well-ventilated place. May attack some plastics, rubber and coatings. Keep containers tightly closed. Keep separate from food, feedstuffs, fertilisers and other sensitive material. Keep in original container. Keep away from heat, sparks and open flame.

### STORAGE CLASS

Toxic storage.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m <sup>3</sup>	ST - ppm	ST - mg/m <sup>3</sup>
DICHLOROMETHANE	MEL	100 ppm(Sk)	350 mg/m <sup>3</sup> (Sk)	300 ppm(Sk)	1060 mg/m <sup>3</sup> (Sk)
TETRACHLOROETHYLENE	OES	50 ppm	345 mg/m <sup>3</sup>	100 ppm	689 mg/m <sup>3</sup>
METHANOL	OES	200 ppm(Sk)	266 mg/m <sup>3</sup> (Sk)	250 ppm(Sk)	333 mg/m <sup>3</sup> (Sk)
FORMIC ACID ...%	OES	5 ppm	9.6 mg/m <sup>3</sup>		

### INGREDIENT COMMENTS

VLEP = French Exposure Limits.

### PROTECTIVE EQUIPMENT



### ENGINEERING MEASURES

Provide sufficient ventilation during operations which cause vapour formation.

### RESPIRATORY EQUIPMENT

Chemical respirator with organic vapour cartridge. Supplied-air respirator. Self-contained breathing apparatus.

### HAND PROTECTION

Chemical resistant gloves required for prolonged or repeated contact.

### EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

### OTHER PROTECTION

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

### HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet. DO NOT SMOKE IN WORK AREA!

**METSTRIP SV3405****9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Gel		
COLOUR	Colourless to Straw		
ODOUR	Sweetish		
SOLUBILITY	Slightly soluble in water.		
BOILING POINT (°C)	40 760mmHg	RELATIVE DENSITY	1.2 @ 20 °c
VAPOUR DENSITY (air=1)	2.93	pH-VALUE, CONC. SOLUTION	3 - 4
FLASH POINT (°C)	Is not flammable.		

**10 STABILITY AND REACTIVITY****STABILITY**

No particular stability concerns.

**CONDITIONS TO AVOID**

Avoid excessive heat for prolonged periods of time. Avoid heat, flames and other sources of ignition. Avoid contact with oxidisers or reducing agents. Contact with red hot surfaces, flames and sparks may generate toxic phosgene gas and hydrogen chloride.

**MATERIALS TO AVOID**

Contact with red hot surfaces, flames & sparks may generate phosgene/HCl Strong oxidising substances.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Fire or high temperatures create: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Hydrogen chloride (HCl). Phosgene (COCl<sub>2</sub>).

**11 TOXICOLOGICAL INFORMATION****GENERAL INFORMATION**

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

**INHALATION**

Harmful by inhalation. Toxic: danger of very serious irreversible effects through inhalation. Vapours may cause headache, fatigue, dizziness and nausea.

**INGESTION**

Harmful if swallowed. Harmful: danger of serious damage to health by prolonged exposure if swallowed. Harmful: possible risk of irreversible effects if swallowed. Swallowing concentrated chemical may cause severe internal injury. Toxic: danger of serious damage to health by prolonged exposure if swallowed.

**SKIN CONTACT**

Harmful in contact with skin. Harmful: possible risk of irreversible effects in contact with skin. Irritating to skin. Possible risk of irreversible effects. Toxic: danger of very serious irreversible effects in contact with skin.

**EYE CONTACT**

Irritating to eyes. Extreme irritation of eyes and mucous membranes, including burning and tearing. Spray and vapour in the eyes may cause irritation and smarting. Contact with concentrated chemical may very rapidly cause severe eye damage, possibly loss of sight.

**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**13 DISPOSAL CONSIDERATIONS****DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements. Contact specialist disposal companies.

**14 TRANSPORT INFORMATION**

PROPER SHIPPING NAME	Toxic Liquid, Organic, nos (contains Dichloromethane and Methanol)
ROAD TRANSPORT NOTES	Packaging Group III Transport category 2 Classification Code : T1

REVISION DATE: 01-04-03

## METSTRIP SV3405

UN NO. ROAD	2810	ADR CLASS	Class 6.1: Toxic substances.
ADR PACK GROUP	III	HAZARD NO. (ADR)	60 Toxic or slightly toxic substance.
HAZCHEM CODE	3[Z]	CEFIC TEC(R) NO.	61GT1-III
UN NO. SEA	2810	IMDG CLASS	6.1
IMDG PACK GR.	III	EMS	6.1-02

### 15 REGULATORY INFORMATION

#### LABELLING



Toxic

#### CONTAINS

DICHLOROMETHANE  
METHANOL  
TETRACHLOROETHYLENE

#### RISK PHRASES

R40	Limited evidence of a carcinogenic effect.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R36/38	Irritating to eyes and skin.
R39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### SAFETY PHRASES

S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S38	In case of insufficient ventilation, wear suitable respiratory equipment.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
S24/25	Avoid contact with skin and eyes.
S36/37	Wear suitable protective clothing and gloves.
S60	This material and its container must be disposed of as hazardous waste.
P16	Can become highly flammable in use.

#### UK REGULATORY REFERENCES

Chemicals (Hazard Information Packaging & Supply) Regulations 2002 (CHIP 3).

#### STATUTORY INSTRUMENTS

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

#### APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

#### GUIDANCE NOTES

Occupational Exposure Limits EH40.

### 16 OTHER INFORMATION

#### REVISION COMMENTS

The information contained herein is based on known available data believed to be reliable but does not constitute the users own assessment of the work place risk as required by other Health and Safety Legislation.

REVISION DATE 01-04-03

REV. NO./REPL. SDS GENERATED 20-08-02

SDS NO. 2

#### SAFETY DATA SHEET STATUS

Approved.

DATE 01-04-03

## METSTRIP SV3405

### RISK PHRASES IN FULL

R11	Highly flammable.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R35	Causes severe burns.
R39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
R40	Limited evidence of a carcinogenic effect.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.