

SAFETY DATA SHEET

STAIN & GRAFFITI REMOVAL WIPES (PART B)

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY/UNDERTAKING

PRODUCT NAME: **Stain and Graffiti Removal Wipes - Part B**
APPLICATIONS: A two-component stain and graffiti removing wipe. For professional use only.
SUPPLIER: Pittaway Special Coatings Ltd, 106-114 Flinton Street, Hull, HU3 4NA
EMERGENCY TELEPHONE: 01482 329007 FAX: 01482 213053

2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME:	CAS NO.	CONTENTS	HEALTH	RISK
1,4-butyrolactone	96-48-0	25 – 25%	Not Classified*.	
N-methyl-2-pyrrolidone	872-50-4	30 – 40%	Xi	36/38

Also surfactants, penetrating and lifting agents and stabilisers.

* [See Note in Section 15].

COMPOSITION COMMENTS:- These components are impregnated into a cloth wipe which significantly reduces the risk of large volume ingestion, inhalation and eye contact by splash. This data sheet relates to the substances in their impregnated form. However, the low volume availability of this mixture in the product reduces risk considerably.

3. HAZARDS IDENTIFICATION

N-methyl-2-pyrrolidone is **irritating to the eyes and skin**.

In the context of the form and use of this product, only **skin irritation** is feasible in normal use.

1,4-butyrolactone is potentially harmful by ingestion, inhalation and skin contact although is not Classified as such.

4. FIRST AID MEASURES

GENERAL: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

EYES: Irrigate the eye copiously with clean, fresh water for at least 10 minutes holding the eyelids apart and seek medical advice.

SKIN: Wash skin thoroughly with soap and water or use a proprietary skin cleanser.
DO NOT use solvents or thinners.

INHALATION: Likely only if large numbers of wipes are used in a confined, unventilated space. Remove from exposure. Rest and keep warm. In severe cases obtain medical attention..

INGESTION: In the unlikely event of swallowing a wipe, wash out mouth thoroughly and give plenty of water to drink. Obtain medical attention. Keep at rest. DO NOT induce vomiting.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA No restriction.

SPECIAL FIRE FIGHTING PROCEDURES As the product contains combustible organic components, fire will produce dense black smoke containing hazardous substances (see Section 10). Exposure to composition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required.

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEANUP Refer to protective measures listed in Sections 7 & 8. Collect wipes in sealed polythene bag and dispose by burning.

7. HANDLING AND STORAGE

USAGE Keep the container tightly closed. Avoid skin and eye contact. Avoid inhalation of vapour. Do not smoke, eat or drink

PRECAUTIONS: areas of storage and use. Follow directions for personal protection (Section 8). Always keep in containers made of the same material as the supply container.

STORAGE PRECAUTIONS: Store separately from oxidising agents and strongly acidic or strongly alkaline materials. Observe the label precautions.

Store in dry, well ventilated places away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorised access. Containers which are opened should be properly resealed and kept upright to prevent leakage.

SAFETY DATA SHEET

STAIN & GRAFFITI REMOVAL WIPES (PART B)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: Provide ventilation. It is unlikely that an air concentration of 100 ppm over an 8 h TWA period could be achieved in normal use.

PROTECTIVE

CLOTHING: Wear suitable protective clothing, protective gloves (PVC or rubber) and protective goggles/mask. Respiratory protection is required in insufficiently ventilated working areas and during use of wipes.

EYE PROTECTION: Where there is any risk of splashing this product into the eye, suitable eye protection must be worn. Eye protection should be selected in accordance with 'Conformitée Européenne' i.e. labeled "CE".

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Wet cloth.	COLOUR	-
ODOUR:	Citrus	DENSITY	1.1 g/cm ³ at 20 °C DIN 53217

10. STABILITY AND REACTIVITY

STABILITY: Stable under the recommended storage conditions (see Section 7).

REACTIVITY: Do not expose to strong acids or strong oxidising agents. In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced.

11. TOXICOLOGICAL INFORMATION

In the form available, the product is of low toxicity. Ingestion of wipes will result in gastric irritation.

Special effects: Over-exposure of the skin during unprotected use may cause irritation. Eye contact could cause severe irritation.

12. ECOLOGICAL INFORMATION

Expected to be biodegradable. No ecotoxicity data available.

13. DISPOSAL CONSIDERATIONS

DISPOSAL: Do not dispose in such a manner that the wipes fall into the hands of children.
METHODS: Dispose by incineration.

14. TRANSPORT INFORMATION

No special hazards.

15. REGULATORY INFORMATION

The Classification of N-methyl-pyrrolidone is presented here for the purposes of labelling.

HAZARD WARNING SYMBOLS: X Irritant

RISK PHRASES: R36/38 Irritating to eyes and skin
EEC Number for Label 212-828-1

SAFETY PHRASES: S2 Keep out of the reach of children.
*S41 In case of fire and/or explosion do not breath fumes.

* S41 is a case for N-methyl pyrrolidone (CHIP 1997) but contained in a aqueous solution impregnated onto a wipe is not regarded here as a special case. An Occupational Exposure Limit of 100 ppm (480 mg/m³) - (8 h Time Weighted Average) has been set for N-methyl-2-pyrrolidone.

[NOTE: Although butyrolactone is not listed in the 4th edition of the Approved Supply List there are data indicating that this substance is Harmful by ingestion and that the Risk Phrase R40 (Possible risks of irreversible effects) is appropriate. Butyrolactone MAY have been Classified in Europe (EC No. 202-509-5) but is not yet listed in the Approved Supply List].

UK REGULATORY

REFERENCES: Chemical components of this product are classified and labelled for supply in accordance with Regulation 6 of the

Chemicals (Hazard Information and Packaging) Regulations (CHIP) 1993 (amended 1997). The Preparations Directive (88/379/EEC) has not been applied. The Safety Data Sheets Directive (91/155/EEC) has been followed. The Occupational Exposure Limit value is taken from the current edition of EH40. **This safety data sheet does not constitute the user's own assessment of the workplace risk as required by other Health and Safety legislation e.g. the Control of Substances Hazardous to Health Regulations 1988.**

OTHER SOURCES Two Material Safety Data Sheets for butyrolactone were extracted from the University of California at San Diego, Department of Chemistry & Biochemistry website.

SAFETY DATA SHEET

STAIN & GRAFFITI REMOVAL WIPES (PART B)

16. OTHER INFORMATION

USER NOTES: **This sheet should be read in conjunction with the corresponding data sheet for Part A as well as the Technical Information sheet for the product.**

TRAINING: All personnel involved in the handling and use of this product system should be adequately trained in the handling of chemical products, the use of protective equipment and engineering control measures provided and should read and understand this data sheet.

The information contained in this safety data sheet is based on the present state of knowledge and current national and European legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications. The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier. As the specific conditions of use are outside the supplier's control the user is responsible for ensuring that the requirements of relevant legislation are complied with. If this material is redistributed details of its hazards and recommended methods of safe handling must be passed to all users. Further information and relevant advice can be found in: the current year's edition of EH40 Occupational Exposure Limits and HS(G)53 Respiratory protective equipment - a practical guide to users.