



# MATERIAL SAFETY DATA SHEET

## SHEETROCK® ProSpray Compound

MSDS # 60-340-010EU  
Page 1 of 6

Version Date: 1/4/2007  
Version: 1

### SECTION 1 CHEMICAL PRODUCT AND IDENTIFICATION

<b>COMPANY</b>	USG UK Ltd 1 Swan Road South West Industrial Estate Peterlee, Co. Durham SR8 2HS, England <b>Tel: +44 (0) 191 586 1121</b>
<b>PRODUCT(S)</b>	SHEETROCK® ProSpray Compound
<b>CHEMICAL FAMILY</b>	An aqueous mixture of minerals and an emulsion polymer
<b>SYNONYMS</b>	Sprayable wall and ceiling finish

### SECTION 2 HAZARD IDENTIFICATION

**EMERGENCY OVERVIEW:** This product is not expected to produce any unusual hazards during normal use. Exposure to high mist/dust levels may irritate the skin, eyes, nose, throat, or upper respiratory tract.

**Label Elements:**

Classification: The product is not classified as hazardous under Chemicals Hazardous Information and Packaging for Supply (CHIPS 2000).

Risk Phrases: Irritating to eyes, respiratory system and skin (R36/37/38)

Safety Phrases: In case of insufficient ventilation, wear suitable respiratory equipment. Wear eye/face protection. (S38/39)

#### POTENTIAL HEALTH EFFECTS

##### ACUTE :

Inhalation	Exposure to mist or dust generated during the handling of the product may irritate eyes, skin, nose, throat, and upper respiratory tract. Persons subjected to large amounts of this dust will be forced to leave area because of nuisance conditions such as coughing, sneezing and nasal irritation. Labored breathing may occur after excessive inhalation. If respiratory symptoms persist, consult physician.
Eyes	Mist or dust can cause mechanical irritation of eyes. If burning, redness, itching, pain or other symptoms persist or develop, consult physician.
Skin	No known effect.
Ingestion	No known effect.

##### CHRONIC:

Inhalation	Exposure to respirable crystalline silica is not expected when the product is in a wet or paste like form. Prolonged and repeated exposure to airborne free respirable crystalline silica can result in lung disease (i.e., silicosis) and/or lung cancer. The development of silicosis may increase the risks of additional health effects. The risk of developing silicosis is dependent upon the exposure intensity and duration.
Eyes	No known effect.
Skin	No known effect.



# MATERIAL SAFETY DATA SHEET

## SHEETROCK® ProSpray Compound

MSDS # 60-340-010EU  
Page 2 of 6

Ingestion	No known effect.
-----------	------------------

**TARGET ORGANS:** Eyes, skin and respiratory system.

**PRIMARY ROUTES OF ENTRY:** Inhalation, eyes and skin contact.

**CARCINOGENICITY CLASSIFICATION OF INGREDIENT(S)** All substances listed are associated with the nature of the raw materials used in the manufacture of this product and are not independent components of the product formulation. All substances, if present, are at levels well below regulatory limits. See Section 11 : Toxicology Information for detailed information

MATERIAL	IARC	International Agency for Research on Cancer (World Health Organization)
Crystalline silica	1	1- Carcinogenic to humans; 2A – Probably carcinogenic to humans;
Vinyl Acetate Monomer	2B	2B – Possibly carcinogenic to humans;
Formaldehyde	1	3 - Not classifiable as a carcinogen; 4 – Probably not a carcinogen
Acetaldehyde	2B	

### SECTION 3 COMPOSITION, INFORMATION ON INGREDIENTS

SHEETROCK® ProSpray Compound is primarily composed of limestone (CAS 1317-65-3)( $<45\%$ ) and water (CAS 7732-18-5)( $>35\%$ ). The remaining content is composed of expanded perlite (CAS 93763-70-3)( $<10\%$ ); vinyl acetate polymer (CAS 9003-20-7)( $<5\%$ )and attapulgite (CAS 12174-11-7)( $<5\%$ ). Trace levels ( $<2\%$ ) of crystalline silica (CAS 14808-60-7) may be associated with the mineral content in this product.

### SECTION 4 FIRST AID MEASURES

#### FIRST AID PROCEDURES

Inhalation	If over exposed to excessive amounts of dust or mist, remove to fresh air. Leave the area of exposure and remain away until coughing and other symptoms subside. Other measures are usually not necessary, however if conditions warrant, contact physician.
Eyes	To prevent mechanical irritation due to particulate in the eyes, flush thoroughly with water for 15 minutes. If irritation persists, consult physician.
Skin	Wash with mild soap and water. If irritation persists, consult physician.
Ingestion	This product is not intended to be ingested or eaten. If gastric disturbance occurs, call physician.

**MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED:** Pre-existing upper respiratory and lung diseases such as, but not limited to, bronchitis, emphysema and asthma. Pre-existing skin diseases such as, but not limited to, rashes and dermatitis.

**NOTES TO PHYSICIAN:** Treatment should be directed at the control of symptoms and the clinical condition.

### SECTION 5 FIRE FIGHTING MEASURES

<b>General Fire Hazards</b>	None known.
<b>Extinguishing Media</b>	Water or use extinguishing media appropriate for surrounding fire.
<b>Special Fire Fighting Procedures</b>	Wear appropriate personal protective equipment. See section 8.
<b>Unusual Fire and Explosion Hazards</b>	None known.



# MATERIAL SAFETY DATA SHEET

## SHEETROCK® ProSpray Compound

MSDS # 60-340-010EU

Page 3 of 6

<b>Hazardous Combustion Products</b>		Above 800° C – limestone may decompose to calcium oxide (CaO) and carbon dioxide (CO <sub>2</sub> ). Above 175° C – polyvinyl acetate may decompose to H <sub>2</sub> O, CO <sub>2</sub> , CO, and acetic acid, could produce vinyl acetate monomers.	
<b>Flash Point</b>	Not determined	<b>Auto Ignition</b>	Not determined
<b>Method Used</b>	Not determined	<b>Flammability Classification</b>	Not determined
<b>Upper Flammable Limit (UFL)</b>	Not determined		
<b>Lower Flammable Limit (LFL)</b>	Not determined	<b>Rate of Burning</b>	Not determined

### SECTION 6 ACCIDENTAL RELEASE MEASURES

**CONTAINMENT:** No special precautions. Wear appropriate personal protective equipment. See section 8.

**CLEAN-UP:** Use normal clean up procedures. No special precautions.

**DISPOSAL:** Dispose of material in accordance with federal, state, and local regulations. Never discharge directly into sewers or surface waters without evaluating all affected ecosystems. Consult with environmental regulatory agencies for guidance on acceptable disposal practices.

### SECTION 7 HANDLING AND STORAGE

**HANDLING:** Avoid mist or dust contact with eyes. Wear the appropriate eye protection against dust (See Section 8). Minimize mist and dust generation and accumulation. Avoid breathing mist or dust. Wear the appropriate respiratory protection against mist and dust in poorly ventilated areas and if OES is exceeded (see Section 8). Use good safety and industrial hygiene practices.

**STORAGE:** Store in a cool, dry, ventilated area away from sources of heat, moisture and incompatibilities (see Section 10). Store in tightly closed containers. Protect product from physical damage.

### SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Occupational Exposure Standards (OES) based on 8hr TWA

Limestone	10 mg/m <sup>3</sup> (Total Inhalable); 4 mg/m <sup>3</sup> (Respirable)
-----------	--

#### Maximum Exposure Limit (MEL) based on 8hr TWA

Crystalline Silica	0.3 mg/m <sup>3</sup> 8hr TWA (Total Inhalable)
--------------------	---

Refer to current edition of HSE (Health and Safety Executive) EH40 "Occupational Exposure Limits"

**ENGINEERING CONTROLS:** Provide ventilation sufficient to control airborne mist and dust levels. If user operations generate airborne mist or dust, use ventilation to keep dust concentrations below permissible exposure limits. Where general ventilation is inadequate, use process enclosures, local exhaust ventilation, or other engineering controls to control mist and dust levels below permissible exposure limits.



# MATERIAL SAFETY DATA SHEET

## SHEETROCK® ProSpray Compound

MSDS # 60-340-010EU

Page 4 of 6

**RESPIRATORY PROTECTION:** Special ventilation typically not necessary, but may be desirable in specific work conditions. Use mechanical or local exhaust ventilation to keep levels below TLV. If engineering controls are not possible, wear a half face mask to EN Class FFP2s, if mist/dust exceed permissible exposure limits.

### OTHER PERSONAL PROTECTIVE EQUIPMENT:

Eye/Face	Wear eye protection (safety glasses or goggles) to avoid possible eye irritation.
Skin	Wear gloves and protective clothing to prevent repeated or prolonged skin contact.
General	Selection of Personal Protective Equipment will depend on environmental working conditions and operations.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Off white	Vapor Density (Air = 1)	Not Determined
Odor	Low to no odor	Specific Gravity (H <sub>2</sub> O = 1)	1.2 - 1.7
Odor Threshold	Not Determined	Solubility (H <sub>2</sub> O)	Unlimited dispersibility
Physical State	Liquid	Partition Coefficient	Not Determined
pH @ 77°F (25 °C)	~ 7.5-11	Auto-ignition Temperature	Not Determined
Melting Point	Not applicable	Decomposition Temperature	Not Determined
Freezing Point	32 °F (0 °C)	Viscosity	300-840 Brabender Units at 68 °F (20 °C)
Boiling Point	212 °F (100 °C)	Particle Size	99% Finer than 250 microns
Flash Point	Not Determined	Bulk Density	1.2-1.7 Kg/Litre
Evaporation Rate (BuAc = 1)	Not Determined	Molecular Weight	Mixture
Upper Flammable Limit (UFL)	Not Determined	VOC Content	<2 g/l
Lower Flammable Limit (LFL)	Not Determined	Percent Volatile	15-45
Vapor Pressure (mm Hg)	17@ 68 °F (20 °C)		

## SECTION 10 CHEMICAL STABILITY AND REACTIVITY

STABILITY	Stable.
CONDITIONS TO AVOID	Contact with incompatibles.
INCOMPATIBILITY	None known.
HAZARDOUS POLYMERIZATION	Will not occur.
HAZARDOUS DECOMPOSITION	Above 800° C – limestone may decompose to calcium oxide (CaO) and carbon dioxide (CO <sub>2</sub> ). Above 175° C – polyvinyl acetate may decompose to H <sub>2</sub> O, CO <sub>2</sub> , CO, and acetic acid, could produce vinyl acetate monomers.



**SECTION 11  
TOXICOLOGICAL INFORMATION**

**ACUTE EFFECTS:** None known.

**CHRONIC EFFECTS / CARCINOGENICITY:**

Vinyl acetate/acetaldehyde/formaldehyde: Vinyl acetate polymer is a common emulsion polymer most familiar as the component of ordinary white glue which exhibits the "sticky" characteristic. Ethylene vinyl acetate polymer is not classified as a carcinogen by IARC, NTP or ACGIH. Trace amounts of residual vinyl acetate monomers, acetaldehyde and formaldehyde may be associated with the production of ethylene vinyl acetate polymer. Any exposure to vinyl acetate monomer, acetaldehyde, or formaldehyde is expected to remain well below OSHA regulatory and ACGIH recommended limits during normal handling and use of this product.

Crystalline silica: Exposures to respirable crystalline silica are not expected during the normal use of this product; however, actual levels must be determined by workplace hygiene testing. The weight percent of respirable crystalline silica has not been measured in this product. Prolonged and repeated exposure to airborne free respirable crystalline silica can result in lung disease (i.e., silicosis) and/or lung cancer. The development of silicosis may increase the risks of additional health effects. The risk of developing silicosis is dependent upon the exposure intensity and duration. In June, 1997, IARC classified crystalline silica (quartz and cristobalite) as a human carcinogen. In making the overall evaluation, the IARC Working Group noted that carcinogenicity in humans was not detected in all industrial circumstances studied. Carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution of its polymorph

**SECTION 12  
ECOLOGICAL INFORMATION**

**ENVIRONMENTAL TOXICITY:** This product has no known adverse effect on the ecology.

<b>Ecotoxicity value</b>	Not determined.
--------------------------	-----------------

**SECTION 13  
DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL METHOD:** Dispose of material in accordance with federal, state, and local regulations. Never discharge directly into sewers or surface waters without evaluating all affected ecosystems. Consult with environmental regulatory agencies for guidance on acceptable disposal practices.

**SECTION 14  
TRANSPORT INFORMATION**

**Material not restricted for transportation regulations**

<b>Shipping Name</b>	Same as product name
<b>Hazard Class</b>	Not classified.
<b>UN/NA #</b>	None. Not classified.
<b>Packing Group</b>	None.
<b>Label (s) Required</b>	Not applicable.
<b>GGVSec/MDG-Code</b>	Not classified.
<b>ICAO/IATA-DGR</b>	Not applicable.



# MATERIAL SAFETY DATA SHEET

## SHEETROCK® ProSpray Compound

MSDS # 60-340-010EU  
Page 6 of 6

RID/ADR	None.
ADNR	None.

### SECTION 15 REGULATORY INFORMATION

#### Label Information

Classification: The product is not classified as hazardous under Chemicals Hazardous Information and Packaging for Supply (CHIPS 2000).

Risk Phrases: Irritating to eyes, respiratory system and skin (R36/37/38)

Safety Phrases: In case of insufficient ventilation, wear suitable respiratory equipment. Wear eye/face protection. (S38/39)

These products should be used in accordance with the recommendations shown in USG current technical literature.

This Material Safety Data Sheet should not be considered a replacement for the users own workplace risk assessment which is a requirement of The Control of Substances Hazardous to Health (COSHH) Regulations 2002.

#### ⚠WARNING!

Mist or dust may cause irritation to eyes, skin, nose, throat and upper respiratory tract. Avoid irritation by reducing exposure to dust and mist. Use in a well-ventilated area or provide sufficient local ventilation. If dusty or misty, wear a NIOSH/MSHA-approved dust or mist respirator. Wear eye protection. If eye contact occurs, flush thoroughly with water for 15 minutes. If irritation persists, call physician. Wash with soap and water after use. Do not ingest. If ingested, call physician. Do not use if material has spoiled, i.e., there is a moldy appearance or an unpleasant odor. Close container and discard properly. **KEEP OUT OF REACH OF CHILDREN.**

### SECTION 16 OTHER INFORMATION

#### Key/Legend

CAS	Chemical Abstracts Service (Registry Number)
IARC	International Agency for Research on Cancer
PPE	Personal Protection Equipment
UN/NA#	United Nations/North America number

Prepared by:  
Product Safety  
USG Corporation  
125 South Franklin St.  
Chicago, Illinois 60606

#### For further information, contact:

Ian Usher, Technical Manager  
**USG (U.K.) Ltd.**  
1 Swan Road  
South West Industrial Estate  
Peterlee, Co Durham  
SR8 2HS, England  
Phone: +44 (0)191 586 1121