



MATERIAL SAFETY DATA SHEET

Rapidseal GF-1 Gap Filler

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Issue Date May 2012
Version 2.0 Aug 2013

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING:

Product / Trade Name : GF-1 Gap Filler, 300ml & 125ml
Product / Stock Code : 36CPXGAP / T
Company Name : IFI
Rutland Business Park
Newark Road
Peterborough
PE1 5WA
United Kingdom
Telephone : +44 (0)1733 847 520
Fax : +44 (0)1733 343 465
Use Of Substance / Preparation : Solvent based paste

2. COMPOSITION / INFORMATION ON INGREDIENTS:

Hazardous Components : 2-(2H-BENZOTRIAZOL-2YL)-p-CRESOL
CAS No.2440-22-4
EINECS No.219-470-5
R43, R53
Concentration <1.00%

BUTANONE
CAS No.78-93-3
EINECS No.201-159-0
F, Xi,
R11, R36, R66, R67
Concentration 30.00% - 60.00%

TOLUENE
CAS No.108-88-3
EINECS No.203-625-9
F, Xn
R11, R20
Concentration 1.00% - 5.00%

3. HAZARDS IDENTIFICATION:

Main Hazards : Highly flammable.
Irritating to eyes.
Repeated exposure may cause skin dryness or cracking.
Vapours may cause drowsiness and dizziness.



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4. FIRST AID MEASURES:

Skin Contact	: Symptoms: Acts as defatting agent on skin. May cause cracking of skin and eczema. Remove contaminated clothing. Wash skin thoroughly with soap and water for several minutes. Seek immediate medical assistance if irritation or discomfort persists.
Eye Contact	: Symptoms: May cause severe irritation to the eyes. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Make sure to remove any contact lenses from the eye before rinsing. Seek immediate medical attention.
Ingestion	: Symptoms: May cause stomach pain or vomiting. Rinse mouth with water. Provide rest, warmth and fresh air. Seek immediate medical attention. Do not induce vomiting and never make an unconscious person vomit or drink fluids.
Inhalation	Symptoms: May cause irritation to the respiratory system. : Move the exposed person to fresh air at once. Provide warmth and rest, preferably in an upright position. Keep affected person away from heat, sparks and naked flames. When breathing is difficult, oxygen may be administered by a properly trained person. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES:

Suitable Extinguishing Media	: Alcohol-resistant, carbon dioxide or dry chemical powder. Do not use water.
Exposure Hazards	: Highly flammable. Forms flammable vapour-air mixture. Vapour may travel considerable distance to source of ignition and flashback.
Fire Fighting Protection	: Wear self-contained breathing apparatus and suitable protective clothing to prevent contact with skin and eyes. Use water spray to cool containers.

6. ACCIDENTAL RELEASE MEASURES:

Personal Precautions	: Refer to section 8 of this MSDS for personal protection details. If outside, do not approach from downwind. Keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Eliminate all sources or potential sources of ignition. Wash thoroughly after dealing with spillage.
Environmental Precautions	: Do not discharge into drains, rivers or sewers. Contain the spillage using suitable bunding.
Methods For Cleaning Up	: Absorb into earth, sand or vermiculite. Transfer to a sealable, labelled salvage container for disposal by an appropriate authorised method. Do not use equipment in clean-up procedure which may produce sparks.



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7. HANDLING AND STORAGE:

Handling Requirements	: Avoid spilling and contact with eyes and skin. Avoid direct contact with the substance. Ensure sufficient ventilation of the area. Use approved respirator if air contamination is above accepted level. Do not handle in a confined space. Smoking is forbidden. Keep away from heat, sparks or naked flames. Use non-sparking tools & explosion proof electric equipment.
Requirements For Storage	: Keep containers tightly closed in a dry, cool and well ventilated place. Keep in original container. Keep away from sources of ignition. Ensure lighting and electrical equipment are not a source of ignition and prevent the build up of electrostatic charge in the storage area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

Hazardous Ingredients	: TOLUENE : OES: LT 50 ppm(Sk) ST 150 ppm(Sk) OES: LT 191mg/m ³ (Sk) ST 574mg/m ³ (Sk) BUTANONE : OES: LT 200 ppm(Sk) ST 300 ppm(Sk) OES: LT 600mg/m ³ (Sk) ST 899mg/m ³ (Sk) (OES = Occupational Exposure Standard)
Engineering Measures	: Must not be handled in a confined space without sufficient ventilation. Ensure there is sufficient general and local exhaust ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.
Hand Protection	: Wear impermeable gloves.
Eye Protection	: Wear safety glasses with side-shields or splash-proof goggles. Ensure eye bath is available and to hand.
Skin Protection	: Impermeable protective clothing.
Respiratory Protection	: Respiratory protection must be used if air contamination exceeds acceptable level,
Industrial Hygiene	: When using, do not eat drink or smoke. Wash hands after work and before eating, smoking and toilet breaks. Do not rub eyes with dirty hands.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance;	
Form	: Paste.
Colour	: White.
Odour	: Ketonic (like vinegar)

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9. PHYSICAL AND CHEMICAL PROPERTIES (continued):

Safety data;

Relative Density	: 1.0 - 1.02
Solubility In Water	: Immiscible.
Auto Ignition Temp.	: 535°C
Flammability Limits	: Lower: 1.3% Upper: 11.5%
Flashpoint	: -5°C pm (closed cup).

10. STABILITY AND REACTIVITY:

Stability	: Stable under normal condition. Stable at room temperature.
Conditions To Avoid	: Heat. Hot surfaces. Sources of ignition. Naked flames.
Materials To Avoid	: Strong reducing agents.
Hazardous Decomposing Products	: In combustion emits vapours/gases/fumes of Carbon Monoxide (CO) and Carbon Dioxide (CO ²). Toxic mixtures generated with Nitrous gases (NO _x)

11. TOXICOLOGICAL INFORMATION:

Hazardous Ingredients	: Refer to section 2 of this Material safety data Sheet.
Toxicological Information	: Not known.
Routes Of Exposure	: Refer to section 4 of this MSDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION:

General Information	: The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spillages can : have a harmful or damaging effect on the environment.
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13. DISPOSAL CONSIDERATIONS:

Disposal Considerations	: The user's attention is drawn to the possible existence of regional and/or national regulations regarding the disposal of hazardous waste material and the disposal of empty contaminated packaging and materials.
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14. TRANSPORT INFORMATION:

ADR / RID;

UN No. : 1133
Packing Group : III
ADR / RID Class : 3
Classification Code : F1
Hazard ID No. : 30
Shipping Name : ADHESIVES
Labelling : 3
CEFIC TEC® No. : 30GF1-III, 30GF1-sp

IMDG / IMO;

UN No. : 1133
Packing Group : II
Class : 3
EmS : F-E, S-D
Labelling : 3

IATO /ICAO;

UN No. : 1133
Packing Group : III
ICAO Class : 3
Packing Instructions : 305 (P&CA); 307 (CAO)
Labelling : 3

15. REGULATORY INFORMATION:

Labelling According To
Chemicals (Hazard Information
and Packaging for Supply)
Regulations 2002 - CHIP3.1;

Hazard Symbols : Highly flammable.
Irritant.



Risk Phrases, which are listed in sections 2, 3 and 16 : R11 - Highly Flammable.
R36 - Irritating to eyes.
R66 - Repeated exposure may cause skin dryness or cracking.
R67 - Vapours may cause drowsiness and dizziness.

Safety Phrases, which are listed in sections 2, 3 and 16 : 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.
S37 - Wear suitable gloves.
S43 - In case of fire, use alcohol-resistant foam, carbon dioxide or dry powder. Do not use water.
S46 - If swallowed, seek medical advice immediately and show this MSDS or label.
S51 - Use only in well ventilated areas.
S29/56 - Do not empty into drains. Dispose of this material and its container at hazardous or special waste collection point.
S64 - If swallowed, rinse mouth with water (only if person is conscious).

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15. REGULATORY INFORMATION (continued):

Other Information : Contains 2-(2H-BENZOTRIAZOL-2YL)-p-CRESOL. May cause an allergic reaction.

NB: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in this Material Safety Data Sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION:

R-phases, which are listed in sections 2

: R11	- Highly flammable.
R20	- Harmful by inhalation.
R36	- Irritating to eyes.
R43	- May cause sensitisation by skin contact.
R53	- May cause long term adverse effects in the aquatic environment.
R66	- Repeated exposure may cause skin dryness or cracking.
R67	- Vapours may cause drowsiness and dizziness.

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the content of the Material Safety Data Sheet.