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BRITISH UNITED INDUSTRIES (VIC) PTY LTD ATF BYRNE HUGHES FAMILY BUSINESS TRUST TRADING AS A TO Z SOLID SOLUTIONS ACN 006 303 591

MODELLING MOULDING AND CASTING MATERIALS

HEALTH HAZARD INFORMATION

Health Effects:

Product is considered to be an irritant and sensitiser.

Acute:

Swallowed:

Single dose oral toxicity is extremely low. No hazards anticipated from swallowing small amounts incidental to normal handling operations.

Eye:

May cause slight transient (temporary) eye irritation. Corneal injury is unlikely.

Skin:

Ingredients have caused allergic skin reactions in humans. Prolonged exposure is not likely to cause significant skin irritation. A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts.

Inhaled:

Vapours are unlikely due to physical properties.

Chronic:

Susceptible individuals may develop allergic reactions such as dermatitis or asthma-like symptoms on a single significant skin exposure or may become sensitised to the material on repeated contact. Hence it is imperative that all forms of exposure be kept to an absolute minimum.

First Aid:

Swallowed:

Do not give fluids or induce vomiting if patient is unconscious or is having convulsions. If poisoning occurs, consult a doctor or contact a Poisons Information Centre. No adverse effects anticipated by this route of exposure incidental to proper industrial handling.

Eye:

Immediately irrigate with copious quantities of water for at least 15 minutes. Seek medical assistance.

Skin:

Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing. Remove residues with soap and water. Call a doctor if irritation persists. DO NOT use solvents to remove product or reacted material from skin.

Inhaled:

No adverse effects anticipated by this route of exposure incidental to proper industrial handling. Remove to fresh air, if effects occur. Consult a doctor.

First Aid Facilities:

Eye wash fountains and a general washing facility should be easily accessible in the immediate work area.

Advice to Doctor:

No specific antidote. Supportive care. Treatment based on the judgment of the doctor in response to reactions of the patient. Treat symptomatically.

Toxicity:

Human:

No data available, not believed to be a significant hazard.

Animal:

Acute Toxicity (oral):

The oral LD₅₀ for the ingredients for rats is greater than 5,000 mg/kg.

Acute Toxicity (skin):

The LD₅₀ for the ingredients for skin absorption in rabbits is 20,000 mg/kg.

Other Information:

May cause sensitisation by skin contact.



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PRECAUTIONS FOR USE

Exposure Standards:

A time weighted average (TWA) for an 8 hour day and 5 day week has not been established by NOHSC for any of the ingredients in this product. There is a blanket limit of 10 mg/m³ for dusts or mists when limits have not otherwise been established. The nature of this product makes it unlikely that this level will be approached in normal use.

Engineering Controls:

Good general ventilation should be sufficient for most conditions.

Personal Protection:

General protection and hygiene measures: Practice care and caution to avoid skin and eye contact. Use only approved protective clothing and equipment when handling this material (refer Australian Standards below).

Respiratory protective equipment: No respiratory protection should be needed.

Eye protection: approved safety glasses or goggles giving full protection recommended.

Industrial Hygiene: Use protective clothing impervious to this material. Selection of specific items such as gloves, boots, apron, or full-body suit will depend on operation. Remove contaminated clothing immediately, wash skin area with soap and water, and launder clothing before reuse. To ensure ideal skin protection: use super fatted soaps and skin cream for skin care.

Other Information: Selection and use of personal protective equipment should be in accordance with the recommendations in one or more of the relevant Australian Standards, including:

AS 1336: Recommended practices for eye protection in the industrial environment.

AS/NZS 1337: Eye protectors for industrial application.

AS/NZS 1715: Selection, use and maintenance of respiratory protective devices.

AS 2161: Industrial safety gloves and mittens (excluding electrical and medical gloves).

AS/NZS 2210: Occupational protective footwear.

AS 2919: Industrial clothing.

Flammability:

Product will support combustion, but is non-flammable according to Australian Code for Transport of Dangerous Goods.



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SAFE HANDLING INFORMATION

Storage and Transport:

This product is not classified as a Dangerous Good in the Australian Dangerous Goods Code either by reference to a specific substance name or a generic substance name or group. Store in accordance with regulations applicable to combustible liquids.

None allocated.

Proper Shipping Name:

Spills and Disposal:

Action to Take for Spills/Leak:

Protect People: Spill clean-up personnel should wear appropriate protective clothing and equipment. Keep unnecessary people away; isolate hazard area and deny unnecessary entry.

Protect The Environment: Prevent from entering into soil, waterways and groundwater. Flushings and wash waters must be confined and prevented from entering into the soil, waterways and ground water. Contain large spills with a dyke.

Cleanup: Soak up in absorbent material such as sand and collect in suitable containers. Residual product may be removed using steam or hot soapy water. Solvents are not recommended for clean up unless the recommended exposure standards and safe handling practices for the specific solvent are followed.

Disposal:

Do not allow into any sewers, on the ground or into any body of water. Any disposal must be in accordance with applicable State, Territory and/or Local government regulations.

Waste characterisation and disposal compliance are the responsibility solely of the party generating the waste or deciding to discard or dispose of the material. None of these waste management options should be considered "arranging for disposal". The preferred waste management option for unused, uncontaminated, or not otherwise altered material, is to send to an approved recycler, reclaimer, or incinerator. The same waste management options are recommended for used or contaminated material, although additional evaluation is required.

Contaminated Packaging: Any disposal of contaminated packaging and washings must be in accordance with State, Territory and/or Local government regulations. After labelling has been removed, empty containers can be sent for recycling or disposal. If the container is reconditioned, the reconditioning company should be made aware of the nature of the original contents.

Fire/ Explosion Hazard:

The autoignition temperature is greater than 300°C.

Hazardous Decomposition or

Under conditions of imperfect combustion and/or pyrolysis various phenolic compounds and/or carbon dioxide may be evolved.

Byproducts:

Fire Fighting Procedures:

Wear positive pressure self-contained breathing apparatus.

Fire Fighting Precautions:

Water spray may be used to keep fire exposed containers cool.

Extinguishing Substances:

Water fog, carbon dioxide, dry chemical, foam.

Hazchem Code:

No Hazchem Code allocated.



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OTHER INFORMATION

Environmental Protection:	Avoid contaminating waterways.
Further Ecological Information:	Ingredients of this product are toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment. Avoid contaminating waterways, drains, sewers or ground. Has practically no biochemical oxygen demand, but will settle out and form sludge of film.
General Information:	Insoluble in water.
Risk Statement:	R36/38: Irritating to eyes and skin. R43: May cause sensitisation by skin contact.
Safety Statement:	S28: After contact with skin, wash immediately with plenty of soap-suds. S37/39: Wear suitable gloves and eye/face protection.
Packaging & Labelling:	To be labelled in accordance with the Code of Practice for Labelling Workplace Substances.
Hazard Category:	Irritant, Sensitiser.
Regulatory Information:	All ingredients are listed in the Australian Inventory of Chemical Substances.
Contact Point:	Regulatory Affairs Officer, 03 9579 2044.

Issue date: 01/15/2012. **Supersedes Issue Date:**

Reason(s) For Issue: First issue

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

GENERAL

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use this product in the workplace. Since Solid Solutions and its subsidiaries cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace. This MSDS does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.