

# MATERIAL SAFETY DATA SHEET

**PRODUCT: MOLD SAVER AEROSOL**

**PART NUMBER: SAV0012**

**DOCUMENT PREPARED BY: DIE MOULD EQUIPMENT PTY LTD (DME)**

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The following Checklist and 16 Header MSDS format is in accordance with the National Code of Practice for the Preparation of Material Safety Data Sheets, required under Workplace Hazardous Substances and Dangerous Goods legislation.

## SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PRODUCT NAME: MOLD SAVER AEROSOL  
PART NUMBER: SAV0012  
CHEMICAL NAME: XYLENE; POLYOLEFIN WAX, PARAFFIN WAX  
CHEMICAL FAMILY: HYDROCARBON  
OTHER/Common Names: MOULD SAVER; RUST PREVENTATIVE

RECOMMENDED USE: RUST PREVENTATIVE FOR PLASTICS MOULDS AND DIE CAST DIES. APPLY TO METAL THAT IS CLEAN, DRY AND COOLED TO ROOM TEMPERATURE.

EMERGENCY TELEPHONE: AMBULANCE / FIRE: 000 (AUSTRALIA)  
MANUFACTURER: 0011 1 800 424 9300 (INTERNATIONAL TO USA)

SUPPLIED BY: DIE MOULD EQUIPMENT PTY LTD (DME)  
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## SECTION 2: HAZARDS IDENTIFICATION

H.M.I.S. RATING: HEALTH 2\*; FLAMMABILITY 3; PHYSICAL HAZARD 0

RISKS: AEROSOLS MAY RUPTURE VIOLENTLY WHEN HEATED TO TEMPERATURES OVER 48° C. VERY FLAMMABLE.  
DO NOT SPRAY NEAR OPEN FLAMES.  
DO NOT SMOKE WHILE USING PRODUCT. DO NOT SPRAY ON FLOORS.  
CONTENTS PRESSURIZED. DO NOT DROP, PUNCTURE OR INCINERATE.

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDISERS

PRIMARY ENTRY ROUTES: EYES, SKIN, INHALATION.

SAFETY: STORE BELOW 48° C. STORE INDOORS, AWAY FROM HEAT OR DIRECT SUNLIGHT THAT IS ABOVE 48° C.

\* indicates that there may be chronic health affects present

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

<u>MATERIAL:</u>	<u>APPROX. WEIGHT %:</u>	<u>CAS NUMBER:</u>	<u>HAZARDS:</u>
CARBON DIOXIDE (PROPELLANT)	1-10	124-38-9	TLV: 5000 ppm PEL: 10,000 ppm STEL: 30,000 ppm
ETHYLBENZENE	10-20	100-41-4	TLV: 100 ppm PEL: 100 ppm STEL: 125 ppm
XYLENE	60-100	1330-20-7	TLV: 100 ppm PEL: 100 ppm STEL: 150 ppm
SYNONYMS:	MOULD SAVER.		

### SECTION 4: FIRST AID MEASURES

SKIN: WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSING. CONSULT MEDICAL PRACTITIONER IF IRRITATION PERSISTS OR IF ANY CONCERNS.

INHALATION: REMOVE TO FRESH-AIR LOCATION.  
(NB: IF DELIBERATELY CONCENTRATED OR INHALED, CALL MEDICAL PRACTITIONER.)

EYES: FLUSH WITH PLENTY OF COOL CLEAN WATER FOR 15 MINUTES. CALL MEDICAL PRACTITIONER.

INGESTION: IF INGESTED, DO NOT INDUCE VOMITING. CONSULT MEDICAL PRACTITIONER.

NOTE TO MEDICAL PRACTITIONER: NO SPECIFIC ANTIDOTE KNOWN. BASED ON INDIVIDUAL REACTIONS OF THE PATIENT, THE MEDICAL PRACTITIONER'S JUDGEMENT SHOULD BE USED TO CONTROL SYMPTOMS AND CLINICAL CONDITIONS.

### SECTION 5: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: DRY CHEMICAL, CO<sub>2</sub>, FOAM.

SPECIAL FIRE FIGHTING PROCEDURES: FIRE FIGHTERS SHOULD BE EQUIPPED WITH SELF CONTAINING BREATHING APPARATUS, ESPECIALLY IN CONFINED AREAS.

#### HAZARD DATA:

FLAMMABLE LIMITS IN AIR: LEL: N/D UEL: N/D (VOLUME %)

FLASH POINT: 26.7° C

METHOD USED: PENSKY MARTENS CLOSED CUP OR EQUIVALENT APPARATUS.

UNUSUAL FIRE & EXPLOSION HAZARDS: VAPOUR ACCUMULATION MAY FLASH OR EXPLODE IF IGNITED. AEROSOLS MAY RUPTURE VIOLENTLY WHEN HEATED TO TEMPERATURES OVER 48° C. AEROSOL CANS UNDER PRESSURE.

NFPA: HEALTH 2; FLAMMABILITY 3; REACTIVITY 0, SPECIAL N/A

N/A = Not Applicable; N/D = Not Determined

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: REMOVE ALL SOURCES OF IGNITION. PROVIDE VENTILATION. APPLY DRY ABSORBENT MATERIAL AND SWEEP UP THOROUGHLY. FLUSH AREA WITH WATER AND MOP UP THOROUGHLY TO AVOID RESIDUAL SLIPPERINESS.

## **SECTION 7: HANDLING AND STORAGE**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:  
STORE BELOW 48° C. STORE INDOORS, DO NOT STORE NEAR STRONG ACIDS, KEEP CONTAINERS CLOSED WHEN NOT IN USE. KEEP AWAY FROM SOURCES OF HEAT, SPARKS, OPEN FLAMES OR DIRECT SUNLIGHT THAT IS ABOVE 48° C. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

OTHER PRECAUTIONS: DO NOT DROP, DO NOT SPRAY NEAR OR DIRECTLY INTO OPEN FLAMES, DO NOT PUNCTURE OR INCINERATE EMPTY OR FULL CONTAINERS, DO NOT SMOKE WHILE USING PRODUCT.

## **SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

ENGINEERING CONTROLS: GENERAL MECHANICAL VENTILATION IS ADEQUATE. LOCAL EXHAUST PREFERRED IN MISTING CONDITIONS.

PERSONAL PROTECTIVE EQUIPMENT:

EYE/FACE PROTECTION: WEAR SAFETY GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS.

SKIN PROTECTION: USE RUBBER GLOVES AND PROTECTIVE CLOTHING TO MINIMISE SKIN CONTACT.

RESPIRATORY PROTECTION: RESPIRATORY PROTECTION REQUIRED IF APPLICABLE EXPOSURE LIMITS ARE EXCEEDED.

OTHER: EYEWASH AND SAFETY SHOWER RECOMMENDED.

VENTILATION: ADEQUATE VENTILATION NEEDED.

OTHER PROTECTIVE EQUIPMENT: NOT NORMALLY REQUIRED, HOWEVER, REFER TO YOUR COMPANY'S OH&S POLICIES AND PROCEDURES.

Comments: Never eat, drink or smoke in work areas. Practice good personal hygiene after using this material, especially before eating drinking, smoking or applying cosmetics.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE: YELLOW LIQUID.  
ODOUR: AROMATIC HYDROCARBON.  
BOILING POINT: >121° C  
VAPOUR DENSITY (AIR=1): N/D  
FREEZING POINT: N/D  
SPECIFIC GRAVITY (H2O=1): .875  
VAPOUR PRESSURE (mmHg): N/D  
SOLUBILITY IN WATER, % BY WT.: INSOLUBLE  
VOC: 88%  
VOC METHOD USED: EPA METHOD 24  
EVAPORATION RATE (BuAc=1): <1

N/D = Not Determined; > = Greater Than; < = Less Than

## **SECTION 10: STABILITY AND REACTIVITY**

STABILITY: STABLE AT ROOM TEMPERATURE IN CLOSED CONTAINERS UNDER NORMAL STORAGE AND HANDLING CONDITIONS.

INCOMPATIBILITY (MATERIALS TO AVOID): AVOID CONTACT WITH STRONG OXIDISERS.

HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL: OXIDES OF CARBON

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

CONDITIONS TO AVOID: KEEP AWAY FROM ALL SOURCES OF IGNITION SUCH AS HEAT, SPARKS, OPEN FLAMES AND HIGH TEMPERATURES.

STORE BELOW 48° C

## **SECTION 11: TOXICOLOGICAL INFORMATION**

INGESTION (SWALLOWING): INGESTION MAY CAUSE LIVER DAMAGE IF ABSORBED INTO THE DIGESTIVE TRACT. ASPIRATION MAY CAUSE LUNG DAMAGE.

INHALATION (OVEREXPOSURE): INHALATION OF MISTS MAY CAUSE IRRITATION OF THE UPPER RESPIRATORY TRACT, HEADACHE, NAUSEA OR DIZZINESS.

SKIN CONTACT: MAY CAUSE MODERATE SKIN IRRITATION ON PROLONGED CONTACT IF SKIN IS SENSITIVE.

EYE CONTACT: MAY CAUSE MILD EYE IRRITATION.

MEDICAL CONDITIONS AGGRAVATED BY LONG TERM EXPOSURE: PRE-EXISTING SKIN AND RESPIRATORY CONDITIONS MAY BE AGGRAVATED BY EXPOSURE.

CARCINOGENICITY: NTP: ETHYLBENZENE; IARC: NONE; OSHA: NONE

CHRONIC EFFECTS: UNKNOWN

## **SECTION 12: ECOLOGICAL INFORMATION**

NO DATA AVAILABLE.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHOD: FOLLOW PERTINENT REGULATIONS FOR DISPOSAL. IT IS THE RESPONSIBILITY OF THE PRODUCT USER TO DETERMINE, AT THE TIME OF DISPOSAL, WHETHER A MATERIAL CONTAINING THE PRODUCT OR DERIVED FROM THE PRODUCT SHOULD BE CLASSIFIED AS A HAZARDOUS WASTE.

DO NOT PUNCTURE OR INCINERATE EMPTY OR FULL CONTAINERS.

HAZARDOUS WASTE NUMBER: D001 (IGNITABILITY)

## **SECTION 14: TRANSPORT INFORMATION**

UN 1950, AEROSOLS.  
CLASS 2.1. CLASSED AS DANERGOUS GOODS  
TRANSPORT IN CARDBOARD BOX.  
TRANSPORT VIA ROAD, RAIL AND SEA.

## **SECTION 15: REGULATORY INFORMATION**

THIS MATERIAL SAFETY DATA SHEET IS IN ACCORDANCE WITH THE NATIONAL CODE OF PRACTICE (AUSTRALIA), REQUIRED UNDER WORKPLACE HAZARDOUS SUBSTANCE AND DANGEROUS GOODS LEGISLATION.

INTERNATIONAL REGULATORY AND ADDITIONAL INFORMATION PROVIDED BY THE MANUFACTURER:

THIS DATA IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCTS SPECIFICATION. NO WARRANTY, EXPRESS OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN SPECIFIC CONTEXT OF THE INTENDED USE, AND DETERMINE WHETHER THEY ARE APPROPRIATE. THE INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET IS BELIEVED TO BE CORRECT AS OF THIS DATE. THE REGULATIONS PROMULGATED BY OSHA FOR HAZARD COMMUINCIATION, 29 CFR 1910.1200, AS WELL AS SEVERAL STATE AND LOCAL LAWS AND REGULATIONS, HAVE BEEN CONSULTED.

## **SECTION 16: OTHER INFORMATION**

LAST REVISION DATE OF THIS MATERIAL SAFETY DATA SHEET: 3 FEBRUARY 2012

SOURCES: HOUGHTON INTERNATIONAL, INC MSDS