

ABR ORGANICS LIMITED

(An ISO 9001 : 2008 COMPANY)

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M A T E R I A L S A F E T Y D A T A S H E E T

DMS-ABRON - PR 90 (Equivalent to SF - 342 A)

SECTION 1-----SUBSTANCE & PREPARATION -----

TRADE NAME: SOLID PHENOLIC RESIN, DMS-ABRON PR - 90.
PREPARATION: INFORMATION AVAILABLE FROM R&D DEPARTMENT.

SECTION 2-----COMPOSITION/INFORMATION ON INGREDIENTS-----

CHEMICAL NAME # PHENOL FORMALDEHYDE RESIN.

SECTION 3-----HAZARDOUS IDENTIFICATION-----

HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED.
IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN. IN CASE OF
CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND
SEEK MEDICAL ADVICE.
WEAR SUITABLE GLOVES AND EYE/FACE PROTECTION.

SECTION 4-----FIRST-AID MEASURES-----

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF
WATER FOR AT LEAST 15 MINUTES. IN CASE OF CONTACT, IMMEDIATELY
WASH SKIN WITH SOAP AND COPIOUS AMOUNTS OF WATER. IF INHALED,
REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION.
IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS
CONSCIOUS. CALL A PHYSICIAN.

SECTION 5-----FIRE FIGHTING MEASURES-----

EXTINGUISHING MEDIA: WATER SPRAY. SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.

SPECIAL FIREFIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

SECTION 6-----ACCIDENTAL RELEASE MEASURES-----

WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY RUBBER GLOVES. SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL. AVOID RAISING DUST. VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

SECTION 7-----HANDLING AND STORAGE-----

REFER TO SECTION 8

SECTION 8-----EXPOSURE CONTROLS/PERSONAL PROTECTION-----

CHEMICAL SAFETY GOGGLES, RUBBER GLOVES, NIOSH/MSHA-APPROVED RESPIRATOR. SAFETY SHOWER AND EYE BATH. MECHANICAL EXHAUST REQUIRED. AVOID CONTACT AND INHALATION. IRRITANT, HARMFUL SOLID, KEEP TIGHTLY CLOSED. STORE IN A COOL DRY PLACE.

SECTION 9-----PHYSICAL AND CHEMICAL PROPERTIES-----

APPEARANCE AND ODOR: LIGHT TO DARK BROWN COLOUR LUMPS OR POWDER.

PHYSICAL PROPERTIES:

STATE : SOLID LUMPS / POWDER.

APPEARANCE : LIGHT TO DARK BROWN IN COLOUR

DYNAMIC VISCOSITY : 15 - 80 Cps AT 20° c.

FREE PHENOL : < 6%

FRACTION OF TOTAL

MASS OF WATER: < 2 %

FREE ANILINE

CONTENT: < 4 %

DROP POINT: 80° - 120° c.

(SOFTENING POINT)

DELETIONS TIME AT

150° C. (Gel Time): 75 - 125 Sec.

SECTION 10-----STABILITY AND REACTIVITY-----

INCOMPATIBILITIES: STRONG OXIDIZING AGENTS, HAZARDOUS ON COMBUSTION OR DECOMPOSITION PRODUCTS.

TOXIC FUMES OF : CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDES ON COMBUSTION.

STABILITY : STABLE AT TEMPERATURES BELOW 35°C FOR 3 MONTHS.

SECTION 11-----TOXICOLOGICAL INFORMATION-----

ACUTE EFFECTS: MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION. CAUSES EYE AND SKIN IRRITATION. TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

SECTION 12-----ECOLOGICAL INFORMATION-----

DATA NOT AVAILABLE.

SECTION 13-----DISPOSAL CONSIDERATIONS-----

DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTER BURNER AND SCRUBBER.

SECTION 14-----TRANSPORT INFORMATION-----

SHIPPING NAME: DMS-ABRON PR-90; PHENOL FORMALDEHYDE RESIN.

NON-HAZARDOUS FOR TRANSPORT BY ROAD OR BY AIR.

SECTION 15----- REGULATORY INFORMATION-----

EUROPEAN INFORMATION

CAUTION: SUBSTANCE NOT YET FULLY TESTED.

IRRITANT. R 36/37/38.

IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

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IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.

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WEAR SUITABLE GLOVES AND EYE/FACE PROTECTION.

SECTION 16-----OTHER INFORMATION-----

THE PRODUCT INFORMATION OR RECOMMENDATIONS OFFERED, EITHER IN WRITING OR VERBALLY, IS A PART OF SERVICE INFORMATION TO OUR CUSTOMERS, AND THESE ARE BASED ON TEST RESULTS CARRIED OUT BY US BASED ON THE CURRENT STATE OF OUR KNOWLEDGE. CUSTOMERS ARE REQUESTED TO INDEPENDENTLY EVALUATE THE SUITABILITY OF THE ABROL PRODUCTS FOR EACH APPLICATION. THE INFORMATION PROVIDED IS FOR THE USE BY PERSONS HAVING TECHNICAL SKILL, AT THEIR DISCRETION & RISK AND NO LIABILITY CAN BE ACCEPTED IN RESPECT OF INFORMATION PROVIDED AND NO WARRANTIES ARE INTENDED AS THE CONDITION OF APPLICATION ARE BEYOND OUR CONTROL.
