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MATERIAL SAFETY DATA SHEET

DOW CHEMICAL U.S.A. MIDLAND, MI 48674 EMERGENCY PHONE: 517-636-4400

MSD: 000037 PAGE: 1

PRODUCT NAME: ABS 941 NATURAL

EFFECTIVE DATE: 10/15/85 DATE PRINTED: 12/05/85 PRODUCT CODE: 00291

1. INGREDIENTS:

ACRYLONITRILE/BUTADIENE/STYRENE RESIN CAS# 009003-55-9 90-99%
ONE OR MORE PROPRIETARY PROCESSING AIDS

SUBSTANCES LISTED IN THE INGREDIENTS SECTION ARE THOSE IDENTIFIED AS BEING PRESENT AT A CONCENTRATION OF 1% OR GREATER, OR 0.1% IF THE SUBSTANCE IS ON THE LIST OF POTENTIAL CARCINOGENS CITED IN USHA HAZARD COMMUNICATION STANDARD. WHERE PROPRIETARY INGREDIENT SHOWS, THE IDENTITY OF THIS SUBSTANCE MAY BE MADE AVAILABLE AS PROVIDED IN 29 CFR 1910.1200(I).

2. PHYSICAL DATA:

BOILING POINT: NOT APPLICABLE
VAP PRESS: NOT APPLICABLE
VAP DENSITY: NOT APPLICABLE
SOL. IN WATER: NIL
SP. GRAVITY: 1.05
APPEARANCE: MILKY WHITE OR COLORED SOLID.
ODOR: NO ODOR.

HAZARD RATING

| | | | |
|----------|---|------------|---|
| HEALTH | 1 | FIRE | 1 |
| SPECIFIC | | REACTIVITY | |

PERSONAL PROTECTION: A

3. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: NONE
METHOD USED: NOT APPLICABLE

FLAMMABLE LIMITS
LFL: NOT APPLICABLE
UFL: NOT APPLICABLE

EXTINGUISHING MEDIA: WATER FOG, FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL.

FIRE & EXPLOSION HAZARDS: DENSE SMOKE EMITTED WHEN BURNED WITHOUT SUFFICIENT OXYGEN.

FIRE-FIGHTING EQUIPMENT: WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS IN ANY CLOSED SPACE.

(CONTINUED ON PAGE 2)

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DOW CHEMICAL U.S.A. MIDLAND, MI 48674 EMERGENCY PHONE: 517-536-4400

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4. REACTIVITY DATA:

STABILITY: (CONDITIONS TO AVOID) TEMPERATURES OVER 300C
RELEASES COMBUSTIBLE GASES.

INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID) OXIDIZING
MATERIALS.

HAZARDOUS DECOMPOSITION PRODUCTS: ACRYLONITRILE AND HYDROGEN
CYANIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

ACTION TO TAKE FOR SPILLS/LEAKS: SWEEP UP AND DISCARD.

DISPOSAL METHOD: BURN IN AN ADEQUATE INCINERATOR OR BURY IN
LANDFILL IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL
REGULATIONS.

6. HEALTH HAZARD DATA:

EYES: SOLID OR DUSTS MAY CAUSE IRRITATION OR CORNEAL INJURY DUE TO
MECHANICAL ACTION.

SKIN CONTACT: MECHANICAL INJURY ONLY.

SKIN ABSORPTION: SKIN ABSORPTION IS UNLIKELY DUE TO PHYSICAL
PROPERTIES.

INGESTION: MAY BE AN OBSTRUCTION IF SWALLOWED. SINGLE ORSE ORAL
TOXICITY IS BELIEVED TO BE LOW. CONSIDERED PHYSIOLOGICALLY
INERT.

INHALATION: VAPORS ARE UNLIKELY DUE TO PHYSICAL PROPERTIES.
DUSTS MAY CAUSE IRRITATION TO UPPER RESPIRATORY TRACT.

SYSTEMIC & OTHER EFFECTS: NO DATA FOUND.

(CONTINUED ON PAGE 3)

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7. FIRST AID:

EYES: IRRIGATE IMMEDIATELY WITH WATER FOR AT LEAST 5 MINUTES.
 MECHANICAL IRRITATION ONLY.

SKIN: NO ADVERSE EFFECTS ANTICIPATED BY THIS ROUTE OF EXPOSURE.

INGESTION: NO ADVERSE EFFECTS ANTICIPATED BY THIS ROUTE OF
 EXPOSURE.

INHALATION: NO ADVERSE EFFECTS ANTICIPATED BY THIS ROUTE OF
 EXPOSURE.

8. HANDLING PRECAUTIONS:

EXPOSURE GUIDELINE(S): NONE ESTABLISHED.

VENTILATION: USE ONLY WITH ADEQUATE VENTILATION. LOCAL EXHAUST
 VENTILATION MAY BE NECESSARY.

RESPIRATORY PROTECTION: IN DUSTY ATMOSPHERES, USE AN APPROVED
 DUST RESPIRATOR.

SKIN PROTECTION: NO PRECAUTIONS OTHER THAN CLEAN BODY-COVERING
 CLOTHING SHOULD BE NEEDED.

EYE PROTECTION: USE SAFETY GLASSES.

9. ADDITIONAL INFORMATION:

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: AVOID
EYE CONTACT AND AVOID BREATHING DUSTS IF GENERATED. IT IS
RECOMMENDED THAT VESSELS AND PIPELINES BE GROUNDED. GOOD
HOUSEKEEPING IS IN ORDER TO PREVENT THE ACCUMULATION OF DUST.

WHEN PROCESSING AT ELEVATED TEMPERATURE, PROVIDE ADEQUATE
VENTILATION TO AVOID FUMES AND STEAM CLOUDS.

MSDS STATUS: REVISED SECTIONS 1, 8 AND 9.

(CONTINUED ON PAGE 4)

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