



adhesive Catalyst

2 TAGS

MATERIAL SAFETY DATA SHEET

Emergency Telephone (614) 431-6600

PLISSING

Borden, Inc.

Packaging and Industrial Products Division

180 EAST BROAD STREET, COLUMBUS, OHIO 43215

1992

THE OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200 REQUIRES THAT THE INFORMATION CONTAINED ON THESE SHEETS BE MADE AVAILABLE TO YOUR WORKERS. INSTRUCT YOUR WORKERS TO HANDLE THIS PRODUCT PROPERLY. FOR INDUSTRIAL USE ONLY

SAUDER MFG CO INC
ATTN:
200 HORTON STREET
STRYKER, OH 43557

NON-EMERGENCY TELEPHONE
(503) 746-8461

DESCRIPTION: CASCOSET FM-504
PRODUCT TYPE: DRY CATALYST
APPLICATION: PANEL MINT UP RESIN CURE

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SIGNAL WORD
CAUTION!

This material is a "health hazard" and/or a "physical hazard" as determined when reviewed according to the requirements of the Occupational Safety and Health Administration 29 CFR Part 1910.1200 "Hazard Communication" Standard.

CHEMICAL HAZARD RATING
HEALTH=2(moderate)
FIRE=1(slight)
REACTIVITY=0(least)
CHRONIC=*

29CFR1910.1200 HAZARDOUS INGREDIENTS/REPORTED HEALTH EFFECTS
CAS/REGISTRY NO. MATERIAL DESCRIPTION % RANGE

The ingredients listed below have been associated with one or more of the listed immediate and/or delayed(*) health hazards. Risk of damage and effects depends upon duration and level of exposure. BEFORE USING OR HANDLING, READ AND UNDERSTAND THE MSDS.

12125-02-9 *AMMONIUM CHLORIDE
NOTE REVISED OSHA PEL

10-30

May cause allergic skin reaction.
-- See Footnote C.
ACGIH TLV: FUME 10 MG/M3 TWA; 20 MG/M3 STEL
OSHA PEL: FUME 10 MG/M3 TWA; 20 MG/M3 STEL

Footnote C: As of the date of issuance of this document, this material has not been listed by NTP, IARC or OSHA as a carcinogen.

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DISCLAIMER-SEE REVERSE SIDE



IF IT'S BORDEN-IT'S
GOT TO BE GOOD

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PHYSICAL DATA

STG. LIFE @ 70F	12 MOS SEALED CONTAINER @ 70F
APPEARANCE	DRY POWDER
COLOR	TAN/BROWN
ODOR	SLIGHT AMMONIA
FLASH POINT	NOT APPLICABLE
AUTOIGNITION TEMPERATURE	NOT APPLICABLE
LOWER EXPLOSION LIMIT	NOT APPLICABLE
UPPER EXPLOSION LIMIT	NOT APPLICABLE

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IMMEDIATE HEALTH HAZARD DATA

SKIN ABSORPTION: No hazards known to Borden.
 INGESTION: Not expected to be harmful under normal conditions of use.
 INHALATION: May be harmful if inhaled. Dust or vapor may cause irritation of nose, throat and lungs.
 SKIN: May cause irritation on prolonged or repeated contact.
 EYES: Causes irritation.

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HANDLING PRECAUTIONS

INHALATION: Avoid breathing dust or vapor. Use with adequate ventilation.
 SKIN: Avoid prolonged or repeated contact with skin.
 EYES: Avoid contact with eyes.
 Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of the material from eyes, skin and clothing.
 Wash thoroughly after handling.

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EMERGENCY AND FIRST AID PROCEDURES

INGESTION: If accidentally swallowed, dilute by drinking large quantities of water. Immediately contact poison control center or hospital emergency room for any other additional treatment directions.
 INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Call a physician.
 SKIN CONTACT: In case of irritation, flush with water.
 EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Eyelids should be held apart during irrigation to insure water contact with entire surface of eyes and lids. Call a physician.

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FIRE AND EXPLOSION HAZARD DATA

Will burn.

Refer to NFPA Pamphlet No. 654, "Prevention of Fire and Dust Explosions in the Chemical, Dye, Pharmaceutical, and Plastic Industries," if this material is to be reduced to or collected as a powder.

In case of fire, use water spray, dry chemical, "alcohol" foam or CO2. Use water to keep fire-exposed containers cool.

REACTIVITY DATA

Normally stable as defined in NFPA 704-12(4-3.1).

In common with most organic materials, this product should be treated as a combustible dust in the finely divided and suspended state.

Hazardous polymerization:

Will not occur.

Incompatibilities:

Oxidizers such as potassium chlorate and potassium nitrate.

CONTROL MEASURES

If airborne contaminants are generated when the material is heated or handled, sufficient ventilation in volume and air flow patterns should be provided to keep air contaminant concentration levels below acceptable criteria.

ENGINEERING CONTROLS: The following exposure control techniques may be used to effectively minimize employee exposure: local exhaust ventilation, enclosed system design, process isolation and remote control in combination with appropriate use of personal protective equipment and prudent work practices. These techniques may not necessarily address all issues pertaining to your operations. We, therefore, recommend that you consult with experts of your choice to determine whether or not your programs are adequate.

PERSONAL PROTECTION INFORMATION

Where air contaminants can exceed acceptable criteria, use NIOSH/MSHA approved respiratory protection equipment. Respirators should be selected based on the form and concentration of contaminants in air in accordance with OSHA 29 CFR 1910.134 or other applicable standards or guidelines.

Use goggles if contact is likely.

Wear impervious gloves as required to prevent skin contact.



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SPILL OR LEAK PROCEDURES

Sweep (scoop) up and remove to a chemical disposal
area.
Prevent entry into natural bodies of water.

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WASTE DISPOSAL

Dispose of according to local, state/provincial, and
federal requirements.

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STORAGE PRECAUTIONS

Store in a cool, dry place.
If exposure to moisture causes lumping, break lumps
into powder before using.
Storage life at 70 F is one year, less at higher
temperatures.

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DOT CLASSIFICATION

Not Regulated.

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PRINT DATE: 16-Jan-92 09:00 AM

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SARA TITLE III SECTION 313
AND 40 CFR Part 372
TOXIC CHEMICAL NOTIFICATION SHEET

CASCOSET FM-504

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986, and Subpart C-Supplier Notification Requirement of 40 CFR Part 372.

Table with 3 columns: CAS Registry Number, Chemical Name, Pct. By Weight

None required per SARA TITLE III SECTION 313

This Toxic Chemical Notification Sheet must not be detached from the Material Safety Data Sheet (MSDS). Any copying and redistribution of the MSDS shall include copying and redistribution of this notification sheet attached to copies of the MSDS subsequently redistributed.

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PRINT DATE: 16-Jan-92 09:00 AM

DISCLAIMER

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