

**MATERIAL SAFETY DATA SHEET
PATCH RUBBER COMPANY**

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Date Prepared: 12/5/08

_CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Identity

Product Name: HT Poly Ease 12
Product Code: 15-008

COMPANY	EMERGENCY TELEPHONE NUMBER
PATCH RUBBER CO. P.O. BOX H ROANOKE RAPIDS, NC 27870 TELEPHONE: (252) 536-2574	Call CHEM TEL only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals. (800) 255-3924 North America (813) 248-0585 (Collect) International HEALTH EMERGENCIES Call LOS ANGELES Poison Information Center (24 hrs.) 1-800-356-3129

2. COMPOSITION/INFORMATION ON INGREDIENTS:

Ingredient (s)	CAS Number	% (by weight)
Nylon 6, 6 Polymer	32131-17-2	>99 Wt%

3. HAZARDS IDENTIFICATION**Potential Health Effects****INHALATION**

Film is non-respirable. Vapors emitted under some processing conditions may be irritating to the upper respiratory tract.

SKIN CONTACT

At room temperatures, film is non-toxic. Hot polymer will cause thermal burns.

EYE CONTACT

Non-toxic. Not a likely route of exposure.

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3. HAZARDS IDENTIFICATION (continued)

INGESTION

Non-toxic. Not a likely route of exposure.

CHRONIC EFFECTS

None known.

MEDICAL CONDITIONS AGGREGATED BY EXPOSURE:

None known.

CARCINOGENICITY INFORMATION

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

4. FIRST AID MEASURES

INHALATION

No specific intervention is indicated as the compound is not likely to be hazardous by inhalation. Consult a physician if necessary.

If exposed to fumes from overheating or combustion, move to fresh air.

SKIN CONTACT

The compound is not likely to be hazardous by skin contact but cleansing the skin after use is advisable. If molten material gets on skin, cool rapidly with cold water. Do not attempt to remove material from skin. Obtain medical treatment for thermal burn.

If hot polymer gets on skin, cool rapidly with cold water. Do not attempt to peel from skin. Seek medical treatment.

EYE CONTACT

Mechanical abrasion the likely injury route. Consult a physician if required.

INGESTION

No specific intervention is indicated as compound is not likely to be hazardous by ingestion. Consult a physician if necessary.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

Flash Point: : NE
Flammable limits in Air, % by Volume : NA
LEL : NA
UEL : NA
Autoignition : ~ 530 C (~986F)
Combustible.

Hazardous gases/vapors produced in fire are CO, CO₂, traces of ammonia and hydrogen cyanide.

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FIRE FIGHTING MEASURES (Continued)

EXTINGUISHING MEDIA

Water, Water Spray, Water Fog, Dry Chemical, CO2.

FIRE FIGHTING INSTRUCTIONS

Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (Personnel)

Note: Review FIRE FIGHTING MEASURES AND HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean up.

ACCIDENTAL RELEASE MEASURES

No special procedures required. Pick up film to prevent a slipping hazard.

7. HANDLING AND STORAGE

HANDLING (Personnel)

See First Aid and Protection Information sections.

HANDLING (Physical Aspects)

Keep away from heat, sparks and flames.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

Eyes/Face : Safety glasses recommended for good safety practice.
Additional : Safety shoes recommended for good safety.
Protective Gloves : Wear gloves when handling hot film.

EXPOSURE GUIDELINES

EXPOSURE LIMITS

PEL (OSHA) : None Established
TLV (ACGIH) : None Established

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9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL DATA

Boiling Point: : NA
Vapor Pressure: : NA
Vapor Density : NA

Melting Point : 265 C (509 F)
Freezing Point : NA
% Volatiles : 0 Wt% @ 50 C (122 F)
Evaporation Rate : NA 0
Solubility in Water : Insoluble
pH : NA
Odor : None
Form : Solid (Film)
Color : Translucent to transparent
Specific Gravity : 1.14

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY

Stable at normal temperatures and storage conditions.

INCOMPATIBILITY WITH OTHER CHEMICALS

None reasonably foreseeable.

Incompatible with strong oxidants at high temperatures.

DECOMPOSITION

Decomposition temperatures: 340 C (644 F)

Hazardous gases/vapors produced are carbon monoxide, carbon dioxide, traces of ammonia and hydrogen cyanide.

POLYMERIZATION

Polymerization will not occur.

OTHER HAZARDS

The exact nature of the decomposition products will depend upon exposure conditions – temperature, access to oxygen, flaming and presence of other materials.

11. TOXICOLOGICAL INFORMATION

No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicological Information

Aquatic Toxicity
Insoluble.

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13. WASTE DISPOSAL

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

14. TRANSPORT INFORMATION

SHIPPING INFORMATION

DOT
Proper Shipping Name : Not Regulated

Shipping Information : Canada
This material is Not Regulated

TDG
Proper Shipping Name : Not Regulated

15. REGULATORY INFORMATION:

Canadian Regulations

This is not a WHMIS controlled Product.

16. OTHER INFORMATION

Additional Information

NA = Not Applicable

NE = Not Established

17. The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in an process.

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

The information in this document is believed to be correct as of the date issued.

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