

1. IDENTIFICATION

**Product Identifier**

Product Name HX-80

**Other means of identification**

Product Code HX80  
Synonyms Molding Compound

**Recommended use of the chemical and restrictions on use**

Recommended Use Natural Latex Mold Making  
Uses advised against None known

**Details of the supplier of the safety data sheet**

**Supplier Address**

Holden's Latex Corp.  
121 Varick Street  
New York, NY 10013

**Emergency telephone number**

Company Phone Number 212-741-1770  
Emergency Telephone 212-741-1770

2. HAZARDS IDENTIFICATION

**Classification in accordance with paragraph (d) of 29 CFR 1910.1200.**

None needed according to classification criteria

**GHS Label elements**

None needed according to classification criteria

**Symbols**

None needed according to classification criteria

**Signal Word**

None needed according to classification criteria

**Hazard Statements**

None needed according to classification criteria

**Precautionary Statements**

None needed according to classification criteria

**Precautionary Statements - Prevention**

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Use personal protective equipment as required

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Avoid breathing dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

Specific treatment

IF ON SKIN: Wash with plenty of soap and water

Call a POISON CENTER or doctor/physician if you feel unwell

Remove/Take off immediately all contaminated clothing

Wash contaminated clothing before reuse

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Call a POISON CENTER or doctor/physician

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

Rinse mouth

**Precautionary Statements - Storage**

Store locked up

Store in a well-ventilated place. Keep container tightly closed

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

Unknown acute toxicity      0% of the mixture consists of ingredients of unknown toxicity

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	Weight-%
Rubber	9006-04-6	60

Ammonium Hydroxide	1336-21-6	<0.3
Ammonia	7664-41-7	<0.005
Tetramethylthiuram Disulfide	137-26-8	<0.05

Non-hazardous ingredients are proprietary and comprise the balance of the formulation.

#### 4. FIRST AID MEASURES

##### Description of first aid measures

<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Remove contact lenses. Consult a physician.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.
<b>Inhalation</b>	Remove to fresh air. If breathing is difficult seek medical attention.
<b>Ingestion</b>	Do NOT induce vomiting. Get immediate medical attention.

##### **Most important symptoms and effects, both acute and delayed**

Symptoms	May cause irritation to skin and eyes. May cause allergic or asthmatic symptoms or breathing difficulties if inhaled.
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##### **Indication of any immediate medical attention and special treatment needed**

Note to physicians	Treat symptomatically.
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#### 5. FIRE-FIGHTING MEASURES

##### **Suitable extinguishing media**

Use dry chemical and carbon dioxide. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media**          None known

##### **Specific hazards arising from the chemical**

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The product causes irritation of eyes, skin and mucous membranes.

**Hazardous combustion products**

Oxides of carbon, ammonia

**Fire fighting measures**

Eliminate all sources of ignition, if possible. Move container from fire area, if possible.

**Explosion data**

**Sensitivity to Mechanical Impact**

No data available.

**Sensitivity to Static Discharge**

No data available.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions**

Ensure adequate ventilation, especially in confined areas. Wear protective clothing and equipment. See section 8 for additional information.

**Environmental precautions**

**Environmental precautions**

See Section 12 for additional ecological information.

**Methods and material for containment and cleaning up**

**Methods for containment**

Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

**Methods for cleaning up**

Sweep, vacuum or shovel into appropriate container.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on safe handling**

Use personal protection recommended in Section 8. Provide adequate ventilation. Avoid breathing vapors. Do not use if allergic to natural latex.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions**

Keep containers tightly closed in a cool, dry area. Protect from freezing.

**Incompatible materials**

Strong acids. Strong bases. Salts.

**8. EXPOSURE CONTROLS/ PERSONAL PROTECTION**

**Control Parameters**

**Exposure Limits**

Chemical Name	ACGIH TLV
<b>Rubber</b>	9006-04-6
ACGIH	0.0001 mg/m <sup>3</sup> TWA as inhalable allergenic proteins
<b>Ammonia</b>	7664-41-7
ACGIH	25 ppm TWA
	35 ppm STEL
NIOSH	25 ppm TWA; 18 mg/m <sup>3</sup> TWA
	35 ppm STEL; 27 mg/m <sup>3</sup> STEL
	300 ppm IDLH
EU	20 ppm TWA; 14 mg/m <sup>3</sup> TWA
	50 ppm STEL; 36 mg/m <sup>3</sup> STEL
OSHA	50 ppm TWA; 35 mg/m <sup>3</sup> TWA
Mexico	25 ppm TWA LMPE-PPT; 18 mg/m <sup>3</sup> TWA LMPE-PPT
	35 ppm STEL LMPE-CT; 27 mg/m <sup>3</sup> STEL LMPE-CT
<b>Tetramethylthiuram Disulfide</b>	132-26-8
ACGIH	0.05 mg/m <sup>3</sup> TWA
NIOSH	5 mg/m <sup>3</sup> TWA
	100 mg/m <sup>3</sup> IDLH
OSHA	5 mg/m <sup>3</sup> TWA
Mexico	1 mg/m <sup>3</sup> TWA LMPE-PPT

**Appropriate Engineering Controls**

**Engineering Controls**      Showers  
    Eyewash stations  
    Ventilation systems

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**      Wear safety glasses with side shields (or goggles).

**Skin and body protection**      Wear protective gloves and protective clothing.

**Respiratory protection**      In case of inadequate ventilation wear respiratory protection.

**General Hygiene Considerations**

Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Property</b>	<b>Values</b>
Physical state	Liquid
Appearance	Milky white liquid
Color	Milky white
Odor/Odor threshold	Ammonia
Odor threshold	No information available
pH	No information available
Melting point/freezing point	No information available
Boiling point/boiling range	100°C
Flash point	No information available
Evaporation rate	No information available
Flammability (solid, gas)	No information available
Flammability Limit in Air (upper/lower)	No information available
Vapor pressure	760 mmHg at 100°C
Vapor density	0.63
Relative density	No information available
Water solubility	Miscible in water
Solubility in other solvents	No information available
Partition coefficient	No information available

Autoignition temperature	No information available
Decomposition temperature	No information available
Kinematic viscosity	No information available
Dynamic viscosity	No information available
Explosive properties	No information available
Oxidizing properties	No information available
Softening point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Density	No information available
Bulk density	No information available

**10. STABILITY AND REACTIVITY****Reactivity**

No data available

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Protect from freezing. Avoid contact with incompatible materials.

**Incompatible materials**

Strong acids. Strong bases. Salts.

**Hazardous Decomposition Products**

Ammonia, oxides of carbon.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

Inhalation

May cause allergic or asthmatic symptoms or breathing difficulties if inhaled.

Eye contact                      May cause redness, burning, and itching.  
 Skin contact                     May cause allergic skin reaction.  
 Ingestion                         May cause gastric disturbances such as nausea,  
    vomiting, and diarrhea.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ammonium Hydroxide 1336-21-6	350 mg/kg (Rat)	-	-
Ammonia 7664-41-7	350 mg/kg (Rat)		2000 ppm 4 h (Rat)
TMTD 137-26-8	560 mg/kg (Rat)	>2000 mg/kg (Rat)	500 mg/m <sup>3</sup> (Rat)

**Information on toxicological effects**

**Symptoms**                      No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization**                      Skin rashes, coughs, stuffy nose, asthma, and other allergic complaints and reactions.

**Germ cell mutagenicity**        No information available.

**Carcinogenicity**                 No information available.

Chemical Name	ACGIH	IARC	NTP	OSHA
TMTD 16893-85-9	-	Group 3	-	X

**Germ cell mutagenicity**        No information available.

**Tumorigenic data**                No information available.

**Reproductive toxicity**         No information available.

**STOT - single exposure**        No information available.

**STOT - repeated exposure**    No information available.

**Aspiration hazard**                No information available.

**Medical conditions aggravated by exposure**

No information available

**12. ECOLOGICAL INFORMATION**



**Ecotoxicity**

No information available.

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**Other adverse effects**

No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal of wastes**

Dispose of in accordance with federal, state and local regulations.

**14. TRANSPORT INFORMATION**

**DOT**

UN/ID no. Not regulated

**IATA**

UN/ID no. Not regulated

**IMDG**

UN/ID no. Not regulated

**TDG**

UN/ID no. Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

TSCA Listed

**Legend:**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

### **US Federal Regulations**

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain a toxic chemical in excess of 1% of the mixture (0.1% if a listed carcinogen) and is not subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### **SARA 311/312 Hazard Categories**

<b>Acute health hazard</b>	Yes
<b>Chronic Health Hazard</b>	Yes
<b>Fire hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### **US State Regulations**

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals

### 16. OTHER INFORMATION

	Health Hazards	Flammability	Instability	Properties
<b>NFPA</b>	2	0	0	-

	Health Hazards	Flammability	Physical Hazards	Personal Protection
<b>HMIS</b>	2	0	0	B

**Disclaimer**

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