



Hornady
Accurate. Deadly. Dependable.

HORNADY MFG. CO.

Safety Data Sheet Hornady® One Shot® Metal Polish

SECTION 1: Identification

1.1 Product identifier

Product name	Hornady® One Shot® Metal Polish
Product number	#9993
Brand	Hornady®

1.2 Other means of identification

Metal Polish

1.3 Recommended use of the chemical and restrictions on use

Cleaning, polishing, and protecting metals (excluding aluminum)

1.4 Supplier's details

Name	Hornady Mfg. Co.
Address	P.O. Box 1848 Grand Island NE 68802 USA
Telephone	(308) 382-1390
Fax	(308) 382-5761
email	www.hornady.com

1.5 Emergency phone number(s)

CHEMTREC: (800) 424-9300 / (703) 527-3887

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

- Acute toxicity, inhalation, Cat. 4
- Acute toxicity, inhalation, Cat. 5
- Carcinogenicity, Cat. 1A
- Eye damage/irritation, Cat. 1
- Skin corrosion/irritation, Cat. 1B
- Sensitization, skin, Cat. 1
- Specific target organ toxicity (repeated exposure), Cat. 1
- Acute toxicity, dermal, Cat. 4
- Toxic to reproduction, Cat. 2

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2.2 GHS label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard statement(s)

H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H332	Harmful if inhaled
H350	May cause cancer
H372	Causes damage to organs through prolonged or repeated exposure
H312	Harmful in contact with skin
H361	Suspected of damaging fertility or the unborn child
H401	Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

Precautionary statement(s)

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+P352	IF ON SKIN: Wash hands with plenty of water
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P310	Immediately call a POISON CENTER/doctor/...
P312	Call a POISON CENTER/doctor if you feel unwell.
P314	Get medical advice/attention if you feel unwell.
P321	Specific treatment (see ... on this label).
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations
P362+P364	Take off contaminated clothing and wash it before reuse.
P273	Avoid release to the environment.
P391	Collect spillage.
P502	Dispose of contents/container in accordance with local/regional/national/international regulations.

Routes of Entry:

Inhalation: Yes Absorption: No Ingestion: Yes

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SECTION 3: Composition/information on ingredients

3.1 Substances

Hazardous components

1. Water

Concentration 35 - 50 % (weight)
EC no. 231-791-2
CAS no. 7732-18-5

2. Kaolin, calcined

Concentration 10 - 20 % (weight)
CAS no. 92704-41-1

3. Flux calcined diatomaceous earth

Concentration 10 - 20 % (weight)
CAS no. 68855-54-9

4. Silica, crystalline cristobalite, respirable dust

Concentration 5 - 10 % (weight)
CAS no. 14464-46-1

5. 2-Propanol, 1-(1-methyl-2-propoxyethoxy)

Concentration 1 - 5 % (weight)
CAS no. 29911-27-1

6. Benzenesulfonic acid, mono-C9-17-branched alkylderivs, compds with 2-propanamine

Concentration 1 - 5 % (weight)
CAS no. 68649-00-3

7. D-Limonene

Concentration 1 - 5 % (weight)
EC no. 227-813-5
CAS no. 5989-27-5

8. Oleic acid

Concentration 1 - 5 % (weight)
EC no. 204-007-1
CAS no. 112-80-1

9. Carnauba wax

Concentration 1 - 5 % (weight)
CAS no. 8015-86-9

10. MORPHOLINE

Concentration 1 - 5 % (weight)
EC no. 203-815-1
CAS no. 110-91-8
Index no. 613-028-00-9

11. 1,2,3-BENZOTRIAZOLE

Concentration 1 - 5 % (weight)
CAS no. 95-14-7

12. Silica, crystalline

Concentration 1 - 5 % (weight)
EC no. 238-878-4
CAS no. 14808-60-7

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13. TOLYLTRIAZOLE

Concentration ≤ 1 % (weight)
CAS no. 29385-43-1

14. Titanium(IV) oxide

Concentration ≤ 1 % (weight)
EC no. 236-675-5
CAS no. 13463-67-7

15. Diethanolamine

Concentration ≤ 1 % (weight)
EC no. 203-868-0
CAS no. 111-42-2
Index no. 603-071-00-1

16. Paraffin waxes and Hydrocarbon waxes, microcryst

Concentration ≤ 1 % (weight)
CAS no. 63231-60-7

17. Smectite clay

Concentration ≤ 1 % (weight)
CAS no. 12199-37-0

18. Benzene, (tetrapropenyl) derivs

Concentration ≤ 1 % (weight)
CAS no. 68512-02-7

19. BUTYLATED HYDROXYTOLUENE

Concentration ≤ 1 % (weight)
CAS no. 128-37-0

20. Decanedioic acid, 1-methyl 10-(1,2,2,6,6-pentamethyl-4-piperidiny) ester

Concentration ≤ 1 % (weight)
CAS no. 82919-37-7

21. (benzothiazol-2-ylthio) methyl thiocyanate

Concentration ≤ 1 % (weight)
EC no. 244-445-0
CAS no. 21564-17-0
Index no. 613-119-00-3

22. Propylene glycol

Concentration ≤ 1 % (weight)
EC no. 200-338-0
CAS no. 57-55-6

23. Undecan-1-ol, ethoxylated

Concentration ≤ 1 % (weight)
EC no. 500-084-3
CAS no. 34398-01-1

24. Benzothiazole, 2-[(chloromethyl)thio]

Concentration ≤ 1 % (weight)
CAS no. 28908-00-1

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25. Component 25 (trade secret)*

Concentration ≤ 1

Trade secret statement (OSHA 1910.1200(i))

*The specific chemical identities and/or actual concentrations or actual concentration ranges for one or more listed components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). If potential for exposure exists, refer to Section 8 for specific personal protective equipment. In event of emergency, assess the danger before taking action. Victims of chemical exposure must be taken for medical attention. If necessary, rescuers should be taken for medical attention. Take a copy of label and SDS to physician or health professional with victim.
If inhaled	Remove to fresh air and promote deep breathing. Get medical attention if effects persist. Acute and delayed symptoms and effects: May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose & throat pain
In case of skin contact	Take off immediately all contaminated clothing. Wash with plenty of soap and water for at least 15 minutes. Get medical attention if irritation develops or persists. Wash contaminated clothing before reuse. Acute and delayed symptoms and effect: Causes severe skin burns. Sign/symptoms may include localized redness, swelling, itching, intense pain, blistering, ulceration, and tissue destruction.
In case of eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention. Acute and delayed symptoms and effects: Causes serious eye damage. Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.
If swallowed	Do not induce vomiting because of the danger of aspirating liquid into lungs, causing serious damage and chemical pneumonitis. If spontaneous vomiting occurs, keep head below hips, or if patient is lying down, turn body and head to side to prevent aspiration and monitor for breathing difficulty. Never give anything by mouth to an unconscious person. Keep affected person warm and at rest. GET IMMEDIATE MEDICAL ATTENTION. Acute and delayed symptoms and effects: Aspiration hazard. May be fatal if swallowed and enters airways. May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting, and diarrhea.

4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

If breathing has stopped, administer CPR and seek medical attention immediately.

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SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical

D-Limonene: Carbon oxides

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Reference to other sections

For disposal, see Section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Do not eat, drink or smoke while handling. Wash hands with soap and water after handling. For precautions, see section 2.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Specific end use(s)

Apart from the uses mentioned in Section 1, no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Silica, crystalline cristobalite, respirable dust (CAS: 14464-46-1)

PEL (Inhalation): See Annotated Z-3 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): See Annotated Z-3 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): See Annotated Z-3 (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): See Annotated Z-3 (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

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2. D-Limonene (CAS: 5989-27-5 EC: 227-813-5)

TLV® (Inhalation): 20 ppm (ACGIH)

3. Morpholine (CAS: 110-91-8)

PEL (Inhalation): 20 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 70 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 20 ppm, (ST) 30 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 20 ppm, (ST) 30 ppm (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

4. Silica, crystalline (CAS: 14808-60-7 EC: 238-878-4)

PEL-TWA (Inhalation): 10 mg/m³ / (% Silica + 2) respirable 30 mg/m³ / (% Silica + 2) total (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 0.05 mg/m³ (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): Ca 0.05 mg/m³ (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

TLV® (Inhalation): 0.025 mg/m³ (resp.) for α-quartz and cristobalite (ACGIH)

5. Titanium (IV) oxide

PEL (Inhalation): 5 mg/m³ (Resp), 15 mg/m³ (Total) (OSHA)

Lower Respiratory Tract irritation

PEL (Inhalation): See PNOR (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): Ca, (ultrafine particles), 2.4 mg/m³ (fine), 0.3 mg/m³ (ultrafine), See Appendix A, See Appendix C (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

TLV® (Inhalation): 10 mg/m³ (ACGIH)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 5 mg/m³ (Resp), 10 mg/m³ (Total) (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

6. Diethanolamine (CAS: 111-42-2 EC: 203-868-0)

TWA (Inhalation): 1 mg/m³; USA (ACGIH)

USA. ACGIH Threshold Limit Values

(TLV)/Liver damage. Kidney damage. Confirmed animal carcinogen with unknown relevance to humans. Danger of cutaneous absorption,

TWA (Inhalation): 3 ppm

15 mg/m³; USA (NIOSH)

USA. NIOSH Recommended Exposure Limits

PEL (Inhalation): 0.46 ppm

2 mg/m³; USA (Cal/OSHA)

California permissible exposure limits for chemical contaminants (Title 8, Article 107)

7. Propylene glycol (CAS: 57-55-6 EC: 200-338-0)

TWA (Inhalation): 10 mg/m³; USA (OSHA)

USA. Workplace Environmental Exposure Levels (WEEL)

8.2 Appropriate engineering controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

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8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Tightly fitting safety goggles. If splash hazard, wear face shield (8-inch minimum). Use equipment for eye protection that meets the standards referenced by OSHA regulations in 29 CFR 1910.133 for Personal Protective Equipment.

Skin protection

Wear protective gloves, such as nitrile gloves

Body protection

Wear suitable protective clothing.

Respiratory protection

Provide good ventilation. Respiratory protection is not required under normal use conditions.

Thermal hazards

No data available on product.

Control banding approach

No data available on product.

Environmental exposure controls

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Liquid, milky-amber
Odor	Lemon
Odor threshold	No data available
pH	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	> 93°C (> 201°F)
Evaporation rate	No data available
Flammability (solid, gas)	Class II
Upper/lower flammability limits	Upper: No data available Lower: 0.95 (Lowest Component)
Vapor pressure	17.3 mm Hg at 20°C (68°F)
Vapor density	0.761
Relative density	1.140 at 20°C (68°F)
Solubility(ies)	Appreciable
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	260°C (500°F)
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

Other safety information

Total VOC's (TVOC): 9.0 Vol% / 78.1 g/L / 0.6 Lbs./Gal
Nonexempt VOC's (CVOC): 5.0 Vol% / 44.5 g/L / 0.3 Lbs./Gal
Hazardous Air Pollutants (HAPS): 0.0 Wt.% / 0.0 g/L / 0.00 Lbs./Gal
Nonexempt VOC Partial Pressure: 0.0 mm Hg at 20°C (68°F)

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SECTION 10: Stability and reactivity

10.1 Reactivity

Contact with incompatible materials. Sources of ignition. Exposure to heat.

10.2 Chemical stability

Stable under normal storage conditions.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

Heat, flames, and sparks. Incompatible products. Keep away from open flames, hot surfaces, and sources of ignition.

10.5 Incompatible materials

D-Limonene: Strong oxidizing agents

Silica, crystalline : Hydrogen fluoride

Titanium(IV) oxide : Strong acids

Diethanolamine: Oxidizing agents, Copper, Zinc, Iron

Propylene glycol: Acid chlorides, Acid anhydrides, Oxidizing agents, Chloroformates, Reducing agents

10.6 Hazardous decomposition products

Carbon monoxide, carbon dioxide from burning

In the event of fire: see Section 5.

Water: In the event of fire: see section 5

Oleic acid: Hazardous decomposition products formed under fire conditions. - Carbon oxides

Other decomposition products - No data available

In the event of fire: see section 5

Diethanolamine: Other decomposition products - No data available

Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NO_x)

In the event of fire: see section 5

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Likely routes of exposure: Eye contact. Skin contact. Inhalation. Ingestion.

Acute and delayed symptoms and effects from inhalation, skin and eye contact, and ingestion are listed in Section 4.

Components:

Morpholine (CAS no.: 110-91-8)

No supporting data available; Classified as Acute Toxicity Category 4 (inhalation; dermal) according to UN GHS Classification.

Silica, crystalline cristobalite (CAS no.: 14464-46-1)

No supporting data available; Classified as Acute Toxicity Category 4 (inhalation) according to UN GHS Classification.

(benzothiazol-2-ylthio) methyl thiocyanate (CAS no.: 21564-17-0)

LD50 Intraperitoneal – Mouse – 143 mg/kg

LD50 Intraperitoneal – Rat – 73 mg/kg

LD50 Oral – Mouse – 445 mg/kg

LD50 Oral - Rat – 2 gm/kg

LD50 Skin – Rabbit – 10 gm/kg

LD50 Skin – Rat - >5 gm/kg

LD50 Subcutaneous – Mouse – 205 mg/kg

LD50 Subcutaneous – Rat – 1300 mg/kg

Reference: Nippon Noyaku Gakkaishi, 12, 343, 1987

1,2,3-Benzotriazole (CAS no.: 95-14-7)

No supporting data available; Classified as Acute Toxicity Category 4 (oral) according to UN GHS Classification.

Tolytriazole (CAS no.: 29385-43-1)

No supporting data available; Classified as Acute Toxicity Category 4 (oral) according to UN GHS Classification.

Diethanolamine (CAS no.: 111-42-2)

LD50 Intramuscular – Rat – 1500 mg/kg

LD50 Intraperitoneal – Mouse – 210 mg/kg

LD50 Intraperitoneal – Rat – 120 mg/kg

LD50 Intravenous – Rat – 778 mg/kg

LD50 Oral – Guinea Pig – 2 gm/kg

LD50 Oral – Mouse – 3300 mg/kg

LD50 Oral – Rabbit – 2200 mg/kg

LD50 Oral – Rat – 620 µL/kg

LD50 Skin – Guinea Pig – 11900 µL/kg

LD50 Skin – Rabbit – 7640 µL/kg

LD50 Subcutaneous – Rat – 2200 mg/kg

Reference: Environmental Space Science. English Translation of Kosmicheskaya Biologiya Meditsina. 1967-70., 2,289,1968 ; National Technical Information Service. (Springfield, VA 22161) Formerly U.S. Clearinghouse for Scientific & Technical Information., OTS0516742 ; Documentation of the Threshold Limit Values and Biological Exposure Indices, 5th ed., Cincinnati, OH, American Conference of Governmental Industrial Hygienists, Inc., 1986, 5,197,1986 ; Gigiena i Sanitariya, 29(11),25,1964

Benzenesulfonic acid, mono-C9-17-branched alkyl derivs, compds with 2 propanamine (CAS no.: 68649-00-3)

No supporting data available; Classified as Acute Toxicity Category 4 (oral) according to UN GHS Classification.

Undecan-1-ol, ethoxylated (CAS no.: 34398-01-1)

No supporting data available; Classified as Acute Toxicity Category 4 (oral) according to UN GHS Classification.

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// ----- From the Suggestion report (06/02/2020, 4:23 PM) ----- //
ATE (inhalation, gaseous) of mixture: 9000 ppmv

// ----- From the Suggestion report (06/02/2020, 4:23 PM) ----- //
ATE (inhalation, vapor) of mixture: 40.74 mg/l

Skin corrosion/irritation

Causes severe skin burns

Serious eye damage/irritation

Causes serious eye damage

Respiratory or skin sensitization

May cause an allergic skin reaction

Germ cell mutagenicity

Based on available data, classification data are not met.

Carcinogenicity

Components:

Silica, crystalline (CAS no.: 14464-46-1)

Silica, crystalline (CAS no.: 14808-60-7)

Titanium(IV) oxide (CAS no.: 13463-67-7)

Reproductive toxicity

Suspected of damaging fertility or the unborn child.

Components:

Diethanolamine (CAS no.: 111-42-2)

STOT-single exposure

Based on available data, classification data are not met.

STOT-repeated exposure

Causes damage to organs through prolonged or repeated exposure

Aspiration hazard

Based on available data, classification data are not met

SECTION 12: Ecological information

Toxicity

Components:

D-Limonene (CAS no.: 5989-77-5)

Butylated Hydroxytoluene (CAS no.: 128-37-0)

Decanedioic acid, 1 10-bis(1,2,2,6,6-pentamethyl-4-piperidiny) ester (CAS no.: 41556-26-7)

Decanedioic acid, 1-methyl 10-(1,2,2,6,6-pentamethyl-4-piperidiny) ester (CAS no.: 82919-37-7)

Benzenesulfonic acid, mono-C9-17-branched alkyl derivs, compds with propanamine (CAS no.: 68649-00-3)

(benzothiazol-2-ylthio) methyl thiocyanate (CAS no.: 21564-17-0)

1,2,3-Benzotriazole (CAS no.: 95-14-7)

Tolytriazole (CAS no.: 29385-43-1)

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

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Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

Other adverse effects

No data available.

SECTION 13: Disposal considerations

Disposal of the product

Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

Disposal of contaminated packaging

No data available.

Waste treatment

No data available.

Sewage disposal

No data available.

Other disposal recommendations

No data available.

SECTION 14: Transport information

DOT (US)

Not regulated

IMDG

Not regulated

IATA

Not regulated

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313:

Diethanolamine

CAS-No. 111-42-2

SARA 311/312 Hazards

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

Massachusetts Right to Know Components

No components are subject to the Massachusetts Right to Know Act.

D-Limonene

Chemical name: Quartz

CAS number: 14808-60-7

Diethanolamine

CAS number: 111-42-2

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Pennsylvania Right to Know Components

Water

CAS-No. 7732-18-5

Chemical name: Silica amorphous diatomaceous earth (uncalcined) Silica Gel

CAS number: 68855-54-9

Chemical name: Cristobalite

CAS number: 14464-46-1

D-Limonene

Oleic acid

CAS number: 112-80-1

Chemical name: Morpholine

CAS number: 110-91-8

Chemical name: Quartz

CAS number: 14808-60-7

Chemical name: Titanium dioxide

CAS number: 13463-67-7

Diethanolamine

CAS number: 111-42-2

Chemical name: Phenol, 2,6-bis(1,1dimethylethyl)-4-methyl-

CAS number: 128-37-0

Propylene glycol

CAS number: 57-55-6

New Jersey Right to Know Components

Water

CAS-No. 7732-18-5

Common name: SILICA, CRISTOBALITE

CAS number: 14464-46-1

D-Limonene

Oleic acid

CAS number: 112-80-1

Common name: MORPHOLINE

CAS number: 110-91-8

Common name: SILICA, QUARTZ

CAS number: 14808-60-7

Chemical name: Titanium dioxide

CAS number: 13463-67-7

Diethanolamine

CAS number: 111-42-2

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New Jersey Right to Know Components (Cont.)

Common name: 2,6-DI-tert-BUTYL-p-CRESOL
CAS number: 128-37-0

Common name: THIOCYANIC ACID, (2-BENZOTHAZOLYLTHIO)METHYL ESTER
CAS number: 21564-17-0

Propylene glycol
CAS number: 57-55-6

California Prop. 65 Components

WARNING! This product contains a chemical known to the State of California to cause cancer.

Quartz
CAS-No. 14808-60-7

Chemical name: Silica, crystalline
CAS number: 14808-60-7
10/01/1988 - Cancer

Titanium dioxide (airborne, unbound particles of respirable size)

WARNING! This product contains a chemical known to the State of California to cause cancer.

Titanium dioxide
CAS-No. 13463-67-7

WARNING! This product contains a chemical known to the State of California to cause cancer.

Diethanolamine
CAS-No. 111-42-2

Chemical name: Diethanolamine
CAS number: 111-42-2
06/22/2012 - Cancer

(Common byproduct in Undecan-1-ol, ethoxylated:

WARNING! This product may contain a chemical known to the State of California to cause cancer and birth defects or other reproductive harm: ethylene oxide (75-21-8).

Canadian Domestic Substances List (DSL)

Chemical name: Water
CAS: 7732-18-5

Chemical name: Kaolin, calcined
CAS: 92704-41-1

Chemical name: Kieselguhr, soda ash flux-calcined
CAS: 68855-54-9

Chemical name: Cristobalite (SiO₂)
CAS: 14464-46-1

Chemical name: 2-Propanol, 1-(1-methyl-2-propoxyethoxy)-; Dipropylene glycol n-propyl ether
CAS: 29911-27-1

Chemical name: Benzenesulfonic acid, mono-C9-17-branched alkyl derivs., compds. with 2-propanamine
CAS: 68649-00-3

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Canadian DSL (Cont.)

Chemical name: Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (R)-
CAS: 5989-27-5

Chemical name: 9-Octadecenoic acid (Z)-
CAS: 112-80-1

Chemical name: Carnauba wax
CAS: 8015-86-9

Chemical name: Morpholine
CAS: 110-91-8

Chemical name: 1H-Benzotriazole
CAS: 95-14-7

Chemical name: Quartz (SiO₂)
CAS: 14808-60-7

Chemical name: 1H-Benzotriazole, 4(or 5)-methyl-
CAS: 29385-43-1

Chemical name: Titanium oxide
CAS: 51745-87-0

Chemical name: Titanium oxide (TiO₂)
CAS: 13463-67-7

Chemical name: Ethanol, 2,2'-iminobis-
CAS: 111-42-2

Chemical name: Paraffin waxes and Hydrocarbon waxes, microcryst.
CAS: 63231-60-7

Chemical name: Benzene, (tetrapropenyl) derivs.
CAS: 68512-02-7

Chemical name: Phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl-
CAS: 128-37-0

Chemical name: Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidinyl ester
CAS: 82919-37-7

Chemical name: Thiocyanic acid, (2-benzothiazolylthio)methyl ester
CAS: 21564-17-0

Chemical name: 1,2-Propanediol
CAS: 57-55-6

Chemical name: Poly(oxy-1,2-ethanediyl), α -undecyl- ω -hydroxy-
CAS: 34398-01-1

Canadian Non-Domestic Substances List (NDSL)

Chemical name: Smectite-group minerals
CAS: 12199-37-0

Chemical name: Benzothiazole, 2-[(chloromethyl)thio]
CAS: 28908-00-1

Safety Data Sheet

Hornady® One Shot® Metal Polish

15.2 Chemical Safety Assessment

Canada: Workplace Hazardous Materials Information Systems (WHMIS)

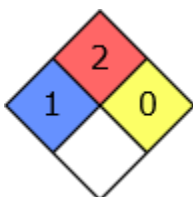
B3: Combustible Liquid

D2B: Irritating to skin/eyes

HMIS Rating

Hornady® One Shot® Metal Polish	
HEALTH	1
FLAMMABILITY	2
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA Rating



SECTION 16: Other information

See Section 2 (Hazards Identification). Employees should be made aware of all hazards of this material (as stated in this SDS) before handling it.

16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Hornady Manufacturing Company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Hornady Manufacturing Company has been advised of the possibility of such damages.

16.2 Preparation information

Prepared By: S. Duncan