

Material Safety Data Sheet

Product: NEOGUARD-2

MSDS Date: 01/23/2003
Product Name: NEOGUARD-2

1. Product and Company Description

Soft Protector Ltd.
655 Richmond rd., Suite#29
Ottawa, Ontario, K2A 3Y3, Canada

For Product Information/Emergency:
+1(866)286-0402

Chemical Synonym/Formula:
N/A

2. Hazards Identification

Emergency Overview

Appearance/Odor: Colorless liquid with almost no odor

Potential Health Effects:

Acute Eye:
Cause eye irritation.

Acute Skin:
May cause irritation.

Acute Inhalation:
May cause upper respiratory tract irritation.

Acute ingestion:
Cause gastrointestinal irritation if swallowed.

Chronic Exposure:
Not determined

Aggravation of Pre-existing Conditions:
Not determined

3. Chemical Composition

Component	CAS#	%Composition
Organosilicon compounds	Trade Secret	>10

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4. First Aid Measures

First Aid Measures for Accidental:

Eye Exposure:

IMMEDIATELY flush eyes with plenty of water. If irritation develops, SEEK MEDICAL ATTENTION.

Skin Exposure:

Flush skin with plenty of water. If irritation develops, seek medical attention.

Inhalation:

Remove from further exposure. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance and call a physician. If breathing has stopped, use mouth to mouth resuscitation.

Ingestion:

Seek medical attention.

5. Fire Fighting Measures

Fire Hazard Data:

Autoignition: N/D

Flash Point: N/D

Flammability Limits (vol/vol%): **Lower:** N/D **Upper:** N/D

Extinguishing Media:

Water, carbon dioxide, foam, dry powder and sand.

Special Fire Fighting Procedures:

Firefighters should wear self-contained breathing apparatus and full protective equipment. Use water spray to keep fire exposed containers cool.

Unusual Fire and Explosion Hazards:

Product may produce toxic fumes under fire conditions.

6. Accidental Release Measures

Cleanup and Disposal of Spill:

Pump material and absorb remainder with an inert absorbent. Place in a suitable container for reclamation or disposal. Do not discharge into drains or sewers. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations.

7. Handling and Storage

Handling/Storage:

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Keep in a tightly closed container, stored in a cool, dry, well ventilated area.

8. Exposure Controls / Personal Protection

Exposure Guidelines:

Component	ACGIH	NIOSH	OSHA-PELs
Organosilicon compounds	ND	ND	ND

Engineering Controls:

General mechanical ventilation is adequate for normal use. Local exhaust is recommended for confined areas.

Respiratory Protection:

Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or EN approved respirator when necessary.

Eye / Face Protection:

Wear appropriate safety glasses with side shields or chemical goggles as described by OSHA's eye and face protection regulations in 29CFR 1910.133 or European Standard EN166.

Skin Protection:

Wear chemical resistant, impervious gloves for routine industrial use.

9. Physical and Chemical Properties

Physical Appearance: Colorless liquid
Odor: Almost none
pH: 10.5-11.5
Specific Gravity: ND
Water Solubility: Soluble
Melting Point: ND
Freezing Point: Below -18°C
Boiling Point: ND
Vapor Pressure: ND
Density: about 1.02 Kg/dm³
Percent Volatiles by Volume: ND
Evaporation Rate: ND
Viscosity: ND

10. Stability and Reactivity

Chemical Stability:

Stable

Conditions to Avoid:

None

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Materials / Chemicals to Be Avoided:

Aluminium metal, zinc coating

Hazardous Decomposition Products:

None

Hazardous Polymerization:

Will not occur.

11. Toxicological Information

Acute Effects

LD50 > 5000 mg/kg Oral, rat.
Skin: Rabbit (OECD 404) slightly irritant
Eye: Rabbit (OECD 405) irritant

Chronic Effects

Carcinogenicity: No data
Mutagenicity: No data
Reproductive Effects: No Data
Developmental Effects: No Data

12. Ecological Information

Environmental Fate:

Material is expected to readily biodegrade.

Environmental Toxicity:

No information found.

13. Disposal Considerations

Waste Disposal Method:

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transportation Information

US Department of Transportation Shipping Name:

Transport Canada	Proper Shipping Name	Not Regulated
	Hazard Class	Not Regulated
	ID Number	Not Regulated
	Packaging Group	Not Regulated

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15. Regulatory Information

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and this Material Safety Data Sheet contains all of the information required by the CPR.

WHMIS Classification

None

Canada Domestic Substances List

This product does not contain components on the Domestic Substances List.

16. Other Information

Key Legend Information:

N/A – Not Applicable

ND – Not Determined

ACGIH – American Conference of
Governmental Industrial Hygienists

OSHA – Occupational Safety and Health
Administration

TLV – Threshold Limit Value

PEL – Permissible Exposure Limit

TWA – Time Weighted Average

STEL – Short Term Exposure Limit

NTP – National Toxicology Program

IARC – International Agency for Research on
Cancer