3D printing — risk identification checklist

The speed, efficiencies and customization that 3D printing offers are projected to have far-reaching effects on the global economy, changing the way we all create, distribute and use products. Have you considered your risks?

PRODUCT LIABILITY

- Who owns the finished product — the designer or the owner of the 3D printer?

TECHNOLOGY

- Who owns the software?
- Who owns the design?

OPERATIONS

- Is the power supply sufficient?
- Have you considered the toxicity levels?
- Is your labor force properly trained?
- Are you aware of your Business Interruption risks?
- How are you handling transportation issues?

CYBER

- How do you protect your:
  - electronic designs?
  - electronic formulas?
- Have you considered the risks of counterfeiting?

ENVIRONMENT

- Have you considered the impact of:
  - exhaust issues?
  - housing issues?
  - material issues?
  - disposal issues?

CONTRACTUAL

- Do you have risk transfer mechanisms in place with your suppliers and customers?
- Have you reviewed your licensing agreements thoroughly?

INSURANCE

- Do you have coverage?
- Where is the coverage coming from?

STRATEGIC

- How do you handle:
  - reputational risk?
  - intellectual property?
  - product development lifecycle management?

SUPPLY CHAIN

- What happens to your supply chain risk — does it increase or decrease?
- Do you know where to get your materials?

MARKET

- What differentiates your product?
- What happens to your geographical risk?

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